

Anti-TNFAIP3 antibody [EPR2663] ab92324

敲除验证 重组 RabMAb

★★★★★ 1 Abreviews 31 References 10 图像

概述

产品名称	Anti-TNFAIP3抗体[EPR2663]
描述	兔单克隆抗体[EPR2663] to TNFAIP3
宿主	Rabbit
特异性	Mouse species is recommended based on WB results, we do not guarantee IHC-P for mouse.
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt (Intra) or ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: WEHI-3 treated with TNF (ab9642), Jurkat treated with TNF (ab9642) + TPA, Jurkat treated with 5ng/ml PMA for 48 hours and then treated with 2Âµg/ml PHA for 48 hours, HeLa, A549 and Daudi cell lysates. IHC-P: Human kidney tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR2663
同种型	IgG

应用

The Abpromise guarantee

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/5000. Predicted molecular weight: 90 kDa.
IHC-P	★★★★★ (1)	1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Mouse species is recommended based on WB results, we do not guarantee IHC-P for mouse.

应用说明 Is unsuitable for Flow Cyt (Intra) or ICC/IF.

靶标

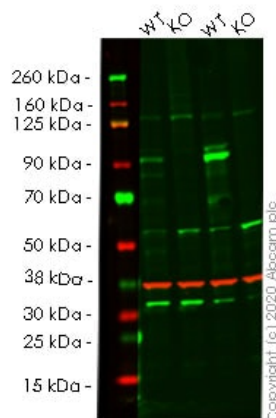
<p>功能</p>	<p>Ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities. Essential component of a ubiquitin-editing protein complex, comprising also RNF11, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. Upon TNF stimulation, deubiquitinates 'Lys-63'-polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. In vitro able to deubiquitinate both 'Lys-48'- and 'Lys-63' polyubiquitin chains. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system.</p>
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序列相似性	Belongs to the peptidase C64 family. Contains 7 A20-type zinc fingers. Contains 1 OTU domain.
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结构域 The A20-type zinc fingers mediate the ubiquitin ligase activity.
The OTU domain mediates the deubiquitinase activity.

细胞定位 Cytoplasm. Nucleus.

图片



Western blot - Anti-TNFAIP3 antibody [EPR2663]
(ab92324)

All lanes : Anti-TNFAIP3 antibody [EPR2663] (ab92324) at 1/1000 dilution

Lane 1 : Wild-type A549 cell lysate

Lane 2 : TNFAIP3 knockout A549 cell lysate

Lane 3 : Wild-type HeLa cell lysate

Lane 4 : TNFAIP3 knockout HeLa cell lysate

Lysates/proteins at 20 µg per lane.

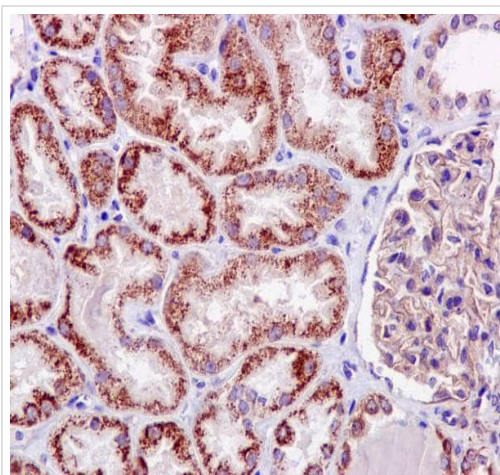
Performed under reducing conditions.

Predicted band size: 90 kDa

Observed band size: 90 kDa

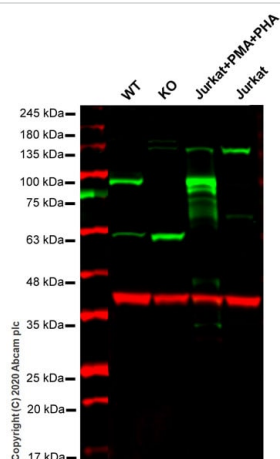
Lanes 1- 4: Merged signal (red and green). Green - ab92324 observed at 90 kDa. Red - Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) observed at 37 kDa.

ab92324 was shown to react with TNFAIP3 in wild-type A549 cells in western blot. Loss of signal was observed when knockout cell line [ab266946](#) (knockout cell lysate [ab257114](#)) was used. Wild-type A549 and TNFAIP3 knockout A549 cell lysates were subjected to SDS-PAGE. Membrane was blocked for 1 hour at room temperature in 0.1% TBST with 3% non-fat dried milk. ab92324 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) overnight at 4°C at a 1 in 1000 dilution and a 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye®800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye®680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling TNFAIP3 with unpurified ab92324 at 1/50. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



Western blot - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

All lanes : Anti-TNFAIP3 antibody [EPR2663] (ab92324) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : TNFAIP3 knockout HeLa cell lysate

Lane 3 : Jurkat cell treated with 5ng/ml PMA for 48 hours and then treated with 2µg/ml PHA for 48 hours, whole cell lysate

Lane 4 : Untreated Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

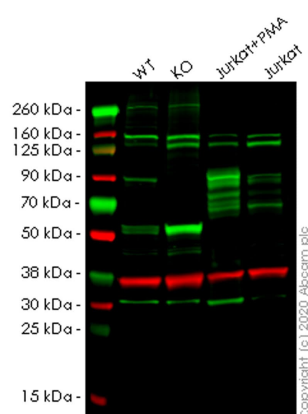
Predicted band size: 90 kDa

Observed band size: 80 kDa

Lanes 1-4: Merged signal (red and green). Green - ab92324 observed at 80 kDa. Red - loading control, **ab8245** observed at 37 kDa.

ab92324 Anti-TNFAIP3 antibody [EPR2663] was shown to specifically react with TNFAIP3 in wild-type HeLa cells. Loss of signal was observed when knockout cell line **ab265983** (knockout

cell lysate [ab257112](#)) was used. Wild-type and TNFAIP3 knockout samples were subjected to SDS-PAGE. ab92324 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 10000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

All lanes : Anti-TNFAIP3 antibody [EPR2663] (ab92324) at 1/1000 dilution

Lane 1 : Wild-type A549 (Human lung carcinoma cell line) whole cell lysate

Lane 2 : TNFAIP3 knockout A549 (Human lung carcinoma cell line) whole cell lysate

Lane 3 : Jurkat (Human T cell leukemia cell line from peripheral blood) cell treated with 5ng/ml PMA for 48 hours and then treated with 2µg/ml PHA for 48 hours, whole cell lysate

Lane 4 : Untreated Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

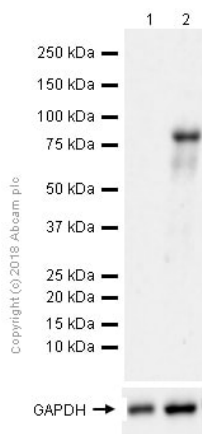
Predicted band size: 90 kDa

Observed band size: 80 kDa

Lanes 1-4: Merged signal (red and green). Green - ab92324 observed at 80 kDa. Red - loading control [ab8245](#) observed at 36 kDa.

ab92324 Anti-TNFAIP3 antibody [EPR2663] was shown to specifically react with TNFAIP3 in wild-type A549 cells. Loss of signal was observed when knockout cell line [ab266945](#) (knockout cell lysate [ab257113](#)) was used. Wild-type and TNFAIP3 knockout samples were subjected to SDS-PAGE. ab92324 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated

overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-TNFAIP3 antibody [EPR2663] ([ab92324](#))

All lanes : Anti-TNFAIP3 antibody [EPR2663] ([ab92324](#)) at 1/5000 dilution

Lane 1 : WEHI-3 (Mouse leukemia lymphoblast) whole cell lysate

Lane 2 : WEHI-3 treated with 20 ng/ml TNF alpha ([ab9642](#)) for 6 h

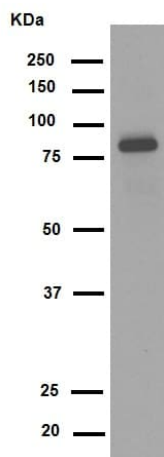
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 90 kDa

Observed band size: 80 kDa



Western blot - Anti-TNFAIP3 antibody [EPR2663] ([ab92324](#))

Anti-TNFAIP3 antibody [EPR2663] ([ab92324](#)) at 1/2000 dilution (unpurified) + Jurkat cell lysate - treated with TNF ([ab9642](#)) and TPA at 10 µg

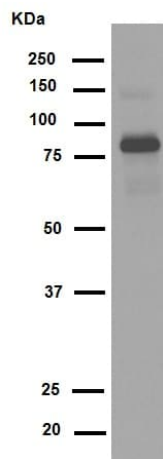
Secondary

Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 90 kDa

Observed band size: 80 kDa

Blocking and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

Anti-TNFAIP3 antibody [EPR2663] (ab92324) at 1/3000 dilution (purified) + Jurkat cell lysate - treated with TNF ([ab9642](#)) and TPA at 10 µg

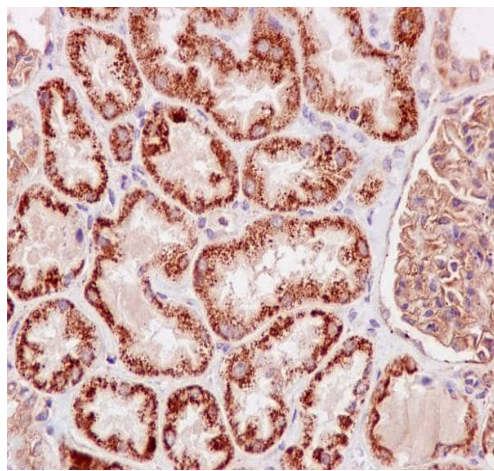
Secondary

Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 90 kDa

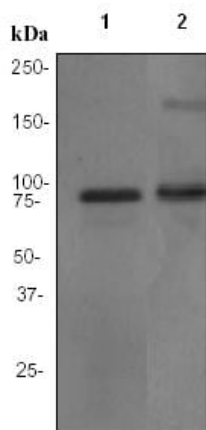
Observed band size: 80 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling TNFAIP3 with purified ab92324 at 1/100. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



Western blot - Anti-TNFAIP3 antibody [EPR2663] (ab92324)

All lanes : Anti-TNFAIP3 antibody [EPR2663] (ab92324) at 1/1000 dilution (unpurified)

Lane 1 : Jurkat cells treated with TNF ([ab9642](#)) and TPA

Lane 2 : Daudi cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 90 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-TNFAIP3 antibody [EPR2663] (ab92324)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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