

Anti-TACC3 antibody [EPR7756] ab134154

敲除验证
重组
RabMAb

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概述

产品名称	Anti-TACC3抗体[EPR7756]
描述	兔单克隆抗体[EPR7756] to TACC3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human TACC3 aa 50-150. The exact sequence is proprietary. Database link: Q9Y6A5
阳性对照	WB: Human lymph node tissue lysate. Mouse and rat testis tissue lysate. HEK293T, HCT116, HT-29 and HeLa whole cell lysate (ab150035). IHC-P: Human testis and tonsil tissues. ICC/IF: HeLa cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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	EPR7756

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab134154 于以下的经测试应用

“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 - 1/10000. Predicted molecular weight: 90 kDa.
IHC-P		1/100 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols . For unpurified use at 1/50 - 1/100.
ICC/IF		1/200 - 1/400. For unpurified use at 1/50 - 1/100.

靶标

功能

Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors (By similarity). May be involved in the control of cell growth and differentiation. May contribute to cancer.

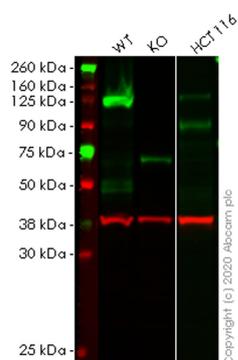
序列相似性

Belongs to the TACC family.

细胞定位

Cytoplasm.

图片



Western blot - Anti-TACC3 antibody [EPR7756]
(ab134154)

All lanes : Anti-TACC3 antibody [EPR7756] (ab134154) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : TACC3 knockout HEK293T cell lysate

Lane 3 : HCT116 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

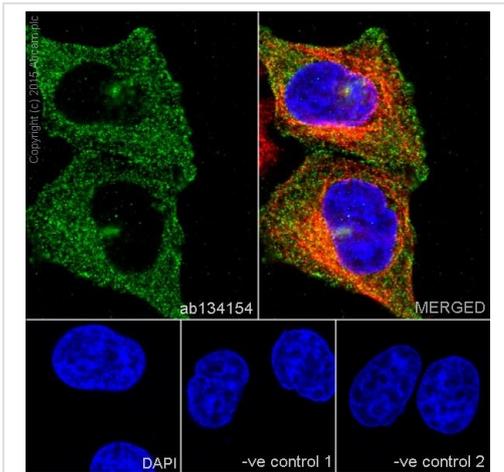
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW)
preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 90 kDa

Observed band size: 125 kDa

Lanes 1-3: Merged signal (red and green). Green - ab134154 observed at 125 kDa. Red - loading control **ab8245** observed at 36 kDa.

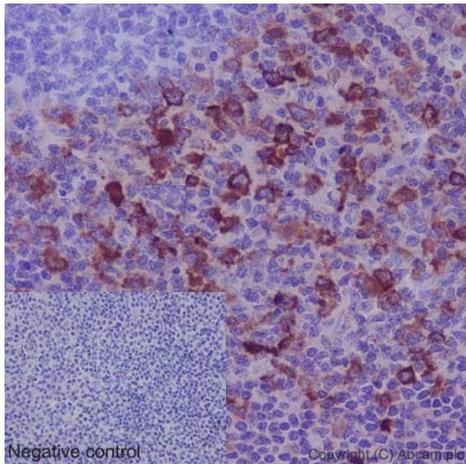
ab134154 Anti-TACC3 antibody [EPR7756] was shown to specifically react with TACC3 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266316** (knockout cell lysate **ab257723**) was used. Wild-type and TACC3 knockout samples were subjected to SDS-PAGE. ab134154 and Anti-GAPDH 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.



Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling TACC3 with purified ab134154 at 1/200. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. An Alexa Fluor® 555-conjugated goat anti-rabbit IgG (1/500) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain.

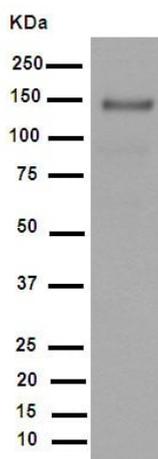
Control: primary antibody (1/200) and secondary antibody, **ab150113**, an Alexa Fluor® 488-conjugated goat anti-mouse IgG (1/500).

Immunocytochemistry/ Immunofluorescence - Anti-TACC3 antibody [EPR7756] (ab134154)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling TACC3 with purified ab134154 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. Negative control using PBS instead of primary antibody. Counterstained with Hematoxylin.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

Anti-TACC3 antibody [EPR7756] (ab134154) at 1/2000 dilution (purified) + HeLa cell lysate at 20 μ g

Secondary

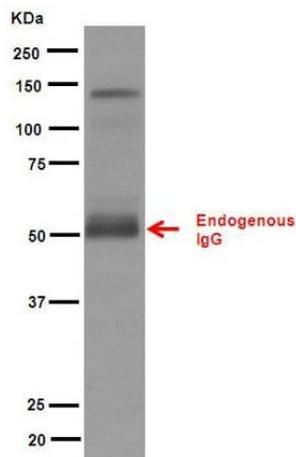
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 90 kDa

Observed band size: 140 kDa

Blocking buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm /TBST.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

Anti-TACC3 antibody [EPR7756] (ab134154) at 1/10000 dilution (purified) + Human lymph node tissue lysate at 10 µg

Secondary

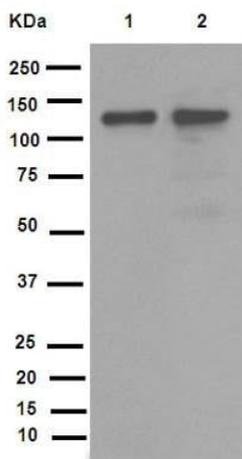
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 90 kDa

Observed band size: 140 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-TACC3 antibody [EPR7756] (ab134154)

All lanes : Anti-TACC3 antibody [EPR7756] (ab134154) at 1/10000 dilution (purified)

Lane 1 : Mouse testis tissue lysate

Lane 2 : Rat testis tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

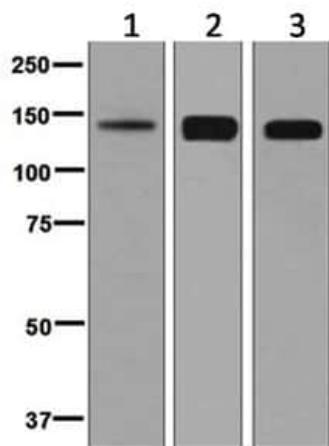
All lanes : Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 90 kDa

Observed band size: 140 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-TACC3 antibody [EPR7756]
(ab134154)

All lanes : Anti-TACC3 antibody [EPR7756] (ab134154) at 1/1000 dilution (unpurified)

Lane 1 : Human lymph node tissue lysate

Lane 2 : HT-29 cell lysate

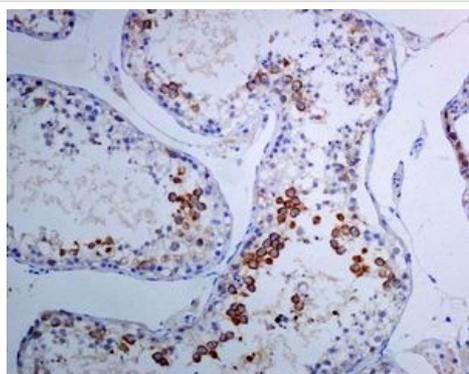
Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

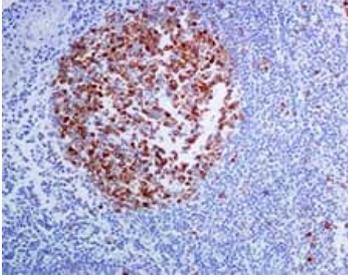
Predicted band size: 90 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labelling TACC3 with unpurified ab134154 at 1/50 dilution.

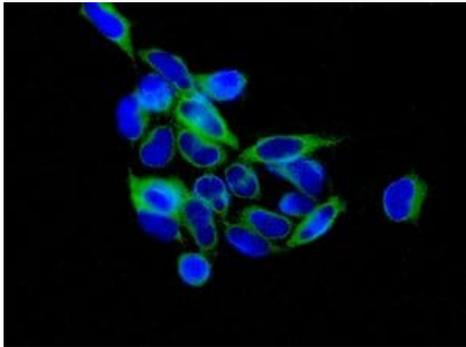
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling TACC3 with unpurified ab134154 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TACC3 antibody [EPR7756] (ab134154)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling TACC3 with unpurified ab134154 at 1/50 dilution.

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-TACC3 antibody [EPR7756] (ab134154)

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