


Anti-BAP31 antibody [EPR3878(2)] ab109304

敲除验证
重组
RabMAb

★★★★★
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概述

产品名称	Anti-BAP31抗体[EPR3878(2)]
描述	兔单克隆抗体[EPR3878(2)] to BAP31
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF 不适用于: IP
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HEK293T, NCCIT and HeLa cell lysates; Human placenta tissue lysate. IHC-P: Human kidney tissue and Human brain tissue. 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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3878(2)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab109304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。

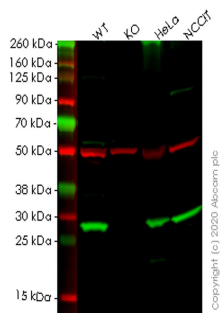
应用	Ab评论	说明
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 28 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

应用说明 Is unsuitable for IP.

靶标

功能	May play a role in anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi. May be involved in CASP8-mediated apoptosis.
组织特异性	Ubiquitous.
疾病相关	Note=BCAP31 is deleted in the chromosome Xq28 deletion syndrome which involves BCAP31 and the and the promoter region of ABCD1.
序列相似性	Belongs to the BCAP29/BCAP31 family.
翻译后修饰	Cleaved by CASP8 and other caspases.
细胞定位	Endoplasmic reticulum membrane. Endoplasmic reticulum-Golgi intermediate compartment membrane. May shuttle between the ER and the intermediate compartment/cis-Golgi complex.

图片



Western blot - Anti-BAP31 antibody [EPR3878(2)] (ab109304)

All lanes : Anti-BAP31 antibody [EPR3878(2)] (ab109304) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : BAP31 knockout HEK293T cell lysate

Lane 3 : HeLa cell lysate

Lane 4 : NCCIT cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

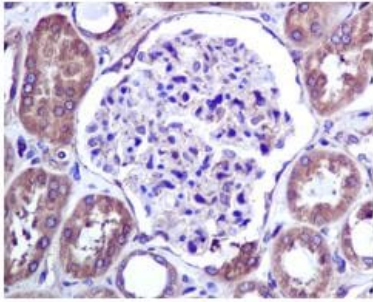
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 28 kDa

Observed band size: 28 kDa

Lanes 1-4: Merged signal (red and green). Green - ab109304 observed at 28 kDa. Red - loading control [ab7291](#) observed at 50 kDa.

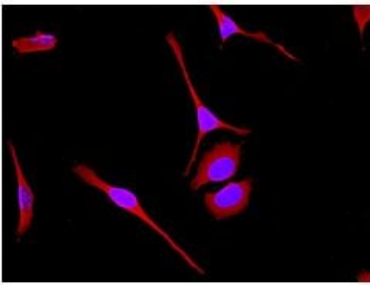
ab109304 Anti-BAP31 antibody [EPR3878(2)] was shown to specifically react with BAP31 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line [ab266634](#) (knockout cell lysate [ab257857](#)) was used. Wild-type and BAP31 knockout samples were subjected to SDS-PAGE. ab109304 and Anti-alpha Tubulin antibody [DM1A] - Loading Control ([ab7291](#)) 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAP31 antibody [EPR3878(2)] (ab109304)

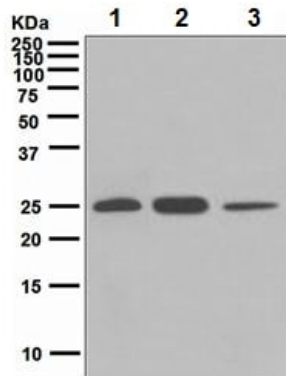
ab109304, at 1/250 dilution, staining Human kidney tissue by immunohistochemistry.

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



Immunocytochemistry/ Immunofluorescence - Anti-BAP31 antibody [EPR3878(2)] (ab109304)

ab109304, at 1/100 dilution, staining HeLa cells by immunofluorescence.



Western blot - Anti-BAP31 antibody [EPR3878(2)] (ab109304)

All lanes : Anti-BAP31 antibody [EPR3878(2)] (ab109304) at 1/1000 dilution

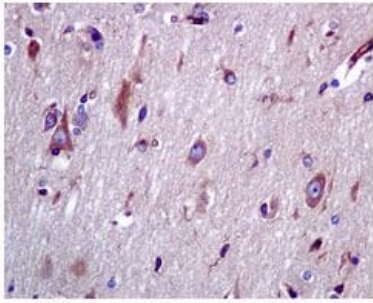
Lane 1 : HeLa cell lysate

Lane 2 : Human placenta tissue lysate

Lane 3 : NCCIT cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 28 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAP31 antibody [EPR3878(2)] (ab109304)

ab109304, at 1/250 dilution, staining Human brain tissue by immunohistochemistry.

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

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-BAP31 antibody [EPR3878(2)] (ab109304)

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

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