

Anti-EHD1 antibody [EPR4954] ab109311

重组 RabMAb

★★★★★ **1 Abreviews** **19 References** **10 图像**

概述

产品名称	Anti-EHD1抗体[EPR4954]
描述	兔单克隆抗体[EPR4954] to EHD1
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HepG2, Human testis, SW480, SK-OV-3, Human brain, HeLa, Mouse brain, and Rat brain lysates. IHC-P: human thyroid carcinoma, kidney and tonsil, mouse lung, and rat lung tissues. IP: 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	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol, 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR4954

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab109311于以下的经测试应用

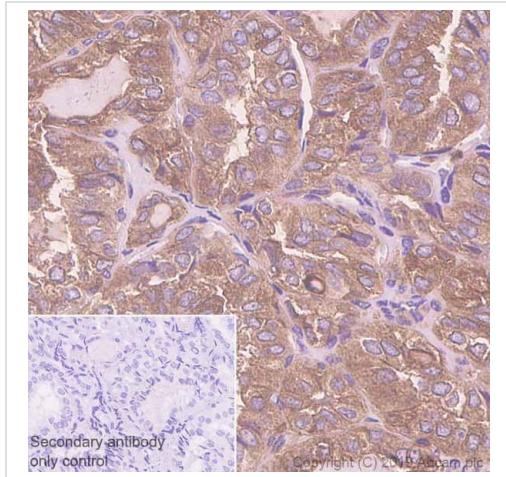
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	1/1000 - 1/10000. Detects a band of approximately 60 kDa (predicted molecular weight: 61 kDa).
IP		1/10 - 1/100.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. (heat to 98°C, allow to cool for 10-20 minutes) 1:120 in human tissues / 1:1600 in mouse and rat tissues See IHC antigen retrieval protocols .

靶标

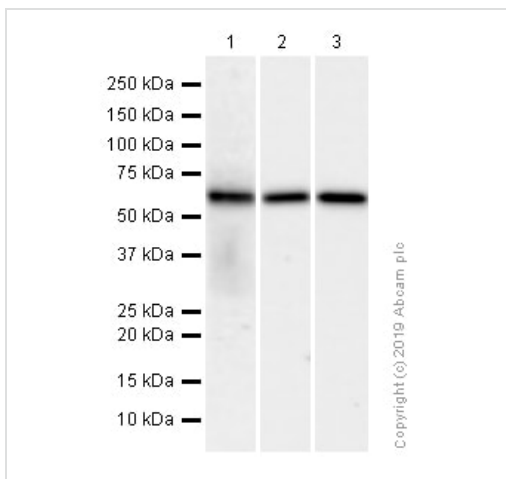
功能	Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes.
组织特异性	Highly expressed in testis.
序列相似性	Contains 1 EF-hand domain. Contains 1 EH domain.
结构域	The EH domain interacts with Asn-Pro-Phe (NPF) motifs of target proteins.
细胞定位	Cell membrane. Early endosome membrane. Recycling endosome membrane. Associated with intracellular tubulovesicular structures.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody [EPR4954] (ab109311)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human thyroid carcinoma tissue sections labeling EHD1 with purified ab109311 at 1/120 dilution (2.85 µg/ml). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-EHD1 antibody [EPR4954] (ab109311)

All lanes : Anti-EHD1 antibody [EPR4954] (ab109311) at 1/10000 dilution (Purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : Mouse brain lysates

Lane 3 : Rat brain lysates

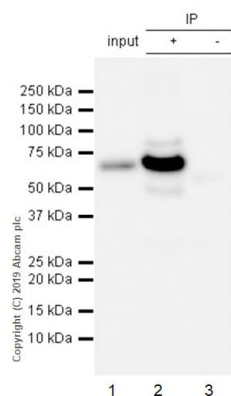
Lysates/proteins at 15 µg per lane.

Secondary

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

Predicted band size: 61 kDa

Observed band size: 60 kDa



Immunoprecipitation - Anti-EHD1 antibody
[EPR4954] (ab109311)

ab109311 (purified) at 1/30 dilution (2ug) immunoprecipitating EHD1 in HeLa whole cell lysate.

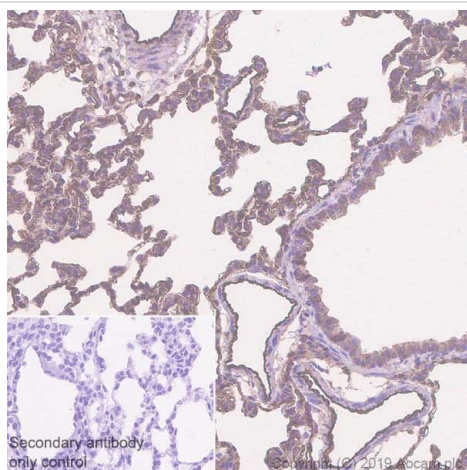
Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate 10ug

Lane 2 (+): ab109311 & HeLa whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab109311 in HeLa whole cell lysate

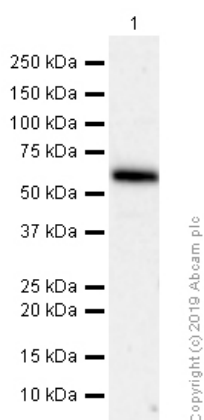
For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody
[EPR4954] (ab109311)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat lung tissue sections labeling EHD1 with purified ab109311 at 1/1600 dilution (0.21 µg/ml). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-EHD1 antibody [EPR4954]
(ab109311)

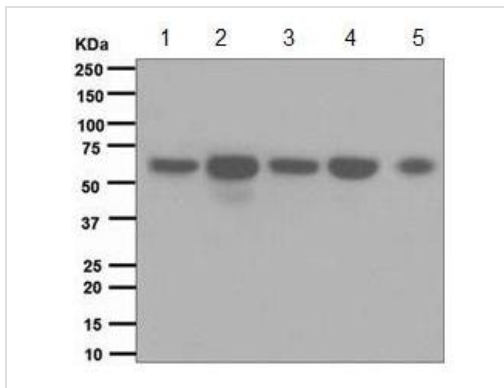
Anti-EHD1 antibody [EPR4954] (ab109311) at 1/10000 dilution (Purified) + Human brain lysates at 15 µg

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 61 kDa

Observed band size: 60 kDa



Western blot - Anti-EHD1 antibody [EPR4954]
(ab109311)

All lanes : Anti-EHD1 antibody [EPR4954] (ab109311) at 1/1000 dilution ((unpurified))

Lane 1 : HepG2 cell lysates

Lane 2 : Human testis lysates

Lane 3 : SW480 cell lysates

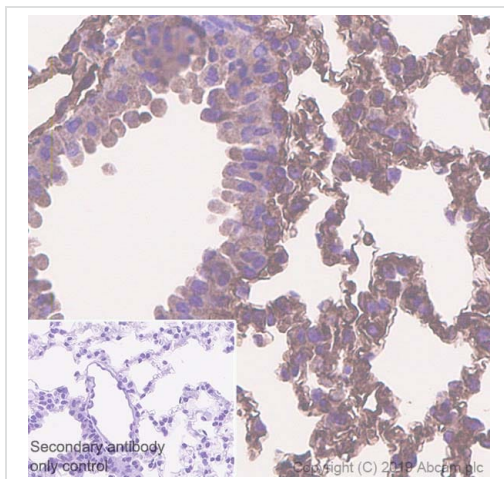
Lane 4 : SK-OV-3 cell lysates

Lane 5 : HeLa cell lysates

Lysates/proteins at 10 µg per lane.

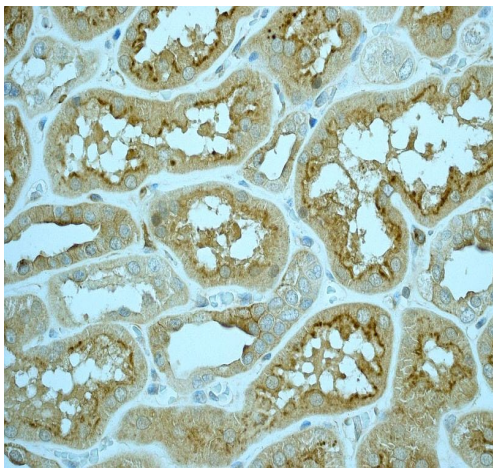
Predicted band size: 61 kDa

Observed band size: 60 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody
[EPR4954] (ab109311)

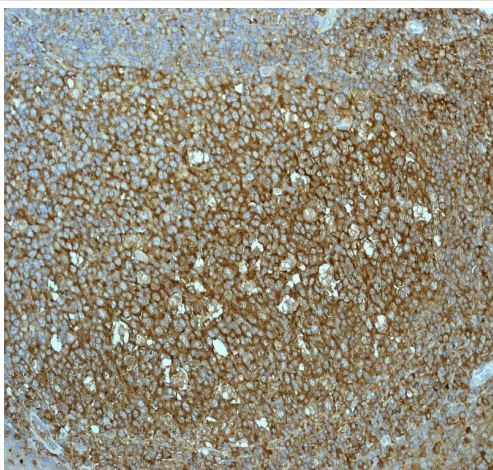
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse lung tissue sections labeling EHD1 with purified ab109311 at 1/1600 dilution (0.21 µg/ml). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody [EPR4954] (ab109311)

Immunohistochemical analysis of EHD1 in paraffin embedded Human kidney tissue, using unpurified ab109311 at a 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody [EPR4954] (ab109311)

Immunohistochemical analysis of EHD1 in paraffin embedded Human tonsil tissue, using unpurified ab109311 at a 1/100 dilution.

Perform heat mediated antigen retrieval 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-EHD1 antibody [EPR4954] (ab109311)

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