

Anti-RACK1 antibody [EPR7388] ab129084

重组 RabMAb

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概述

产品名称	Anti-RACK1抗体[EPR7388]
描述	兔单克隆抗体[EPR7388] to RACK1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF or IP
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: HeLa, HepG2, SH-SY5Y, MCF7, C6, PC-12, Mouse brain, and NIH/3T3 lysates. IHC-P: human colon carcinoma, and cervical carcinoma, mouse cerebrum, and rat cerebrum tissues.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 -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 (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7388
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab129084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. Detects a band of approximately 32 kDa (predicted molecular weight: 35 kDa).
IHC-P		1/1000. 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

应用说明

Is unsuitable for ICC/IF or IP.

靶标

功能

Seems to bind protein kinase C acting as an intracellular receptor to anchor the activated PKC to the cytoskeleton. May be involved in up-regulation of the activity of kinases such as PKC via binding to KRT1. Together with KRT1 and ITGB1, serves as a platform for SRC activation or inactivation. May play an important role in the developing brain and neuronal differentiation.

序列相似性

Belongs to the WD repeat G protein beta family.
Contains 7 WD repeats.

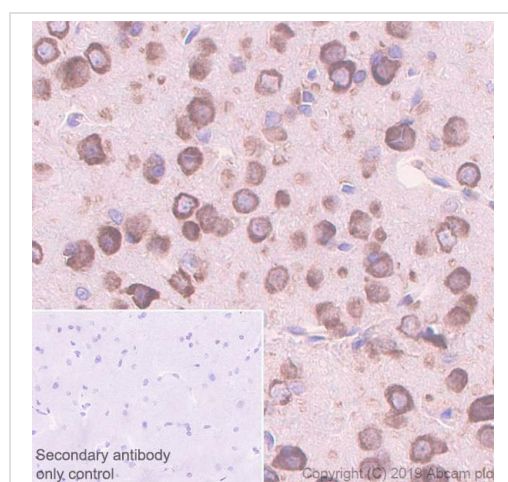
结构域

The WD repeats domain 5 mediates interaction with TRIM63.

细胞定位

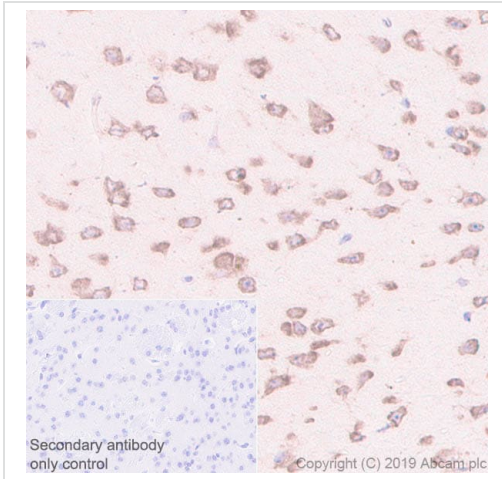
Cell membrane. Located on plasma membrane of neuroblastoma NMB7 cells.

图片



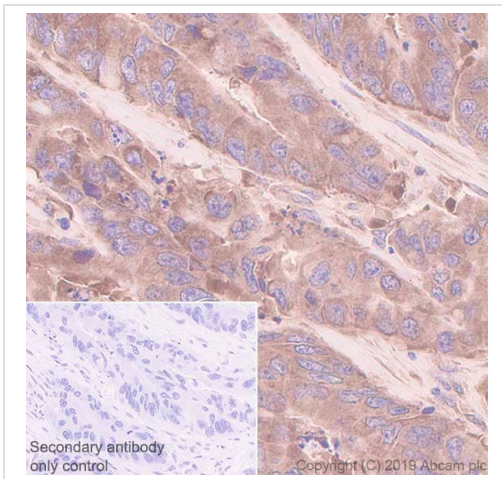
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebrum tissue sections labeling RACK1 with Purified ab129084 at 1:1000 dilution (0.201 µg/ml). Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Purified ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RACK1 antibody [EPR7388] (ab129084)



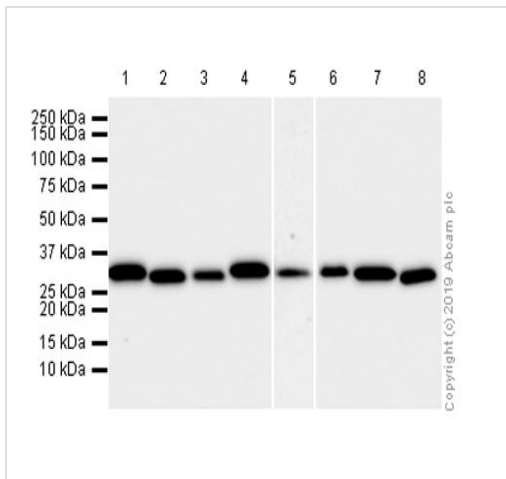
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cerebrum tissue sections labeling RACK1 with Purified ab129084 at 1:1000 dilution (0.201 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified)ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RACK1 antibody [EPR7388] (ab129084)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue sections labeling RACK1 with Purified ab129084 at 1:1000 dilution (0.201 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified)ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RACK1 antibody [EPR7388] (ab129084)



Western blot - Anti-RACK1 antibody [EPR7388]
(ab129084)

All lanes : Anti-RACK1 antibody [EPR7388] (ab129084) at 1/1000 dilution (Purified)

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

Lane 2 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 3 : MCF7 (Human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 4 : C6 (Rat glial tumor glial cell) whole cell lysates

Lane 5 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysates

Lane 6 : Mouse brain lysates

Lane 7 : Mouse spleen lysates

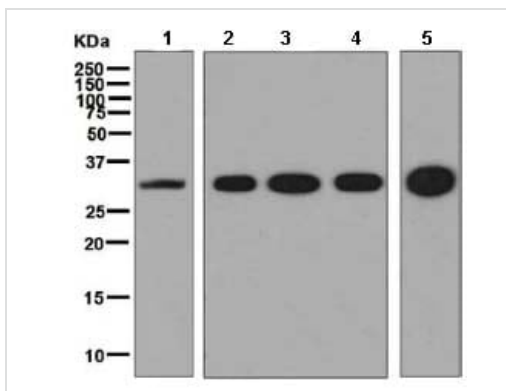
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 35 kDa

Observed band size: 32 kDa



Western blot - Anti-RACK1 antibody [EPR7388]
(ab129084)

All lanes : Anti-RACK1 antibody [EPR7388] (ab129084) at 1/1000 dilution

Lane 1 : MCF7 cell lysate

Lane 2 : SH-SY5Y cell lysate

Lane 3 : HeLa cell lysate

Lane 4 : PC12 cell lysate

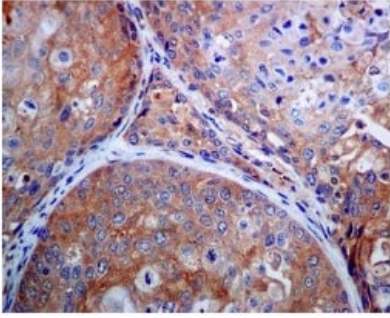
Lane 5 : C6 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 35 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RACK1 antibody [EPR7388] (ab129084)

ab129084, at a dilution of 1/50, staining RACK1 in paraffin-embedded Human cervical carcinoma tissue by Immunohistochemistry.

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

Why choose a recombinant antibody?



Anti-RACK1 antibody [EPR7388] (ab129084)

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