

Anti-P2X4 antibody ab134559

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概述

产品名称	Anti-P2X4抗体
描述	山羊多克隆抗体to P2X4
宿主	Goat
特异性	Preliminary testing was unsuccessful on Mouse and Rat Kidney and Liver in Western blot.
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Chicken, Guinea pig, Hamster, Cow, Dog, Pig, Orangutan



免疫原	Synthetic peptide corresponding to Mouse P2X4 aa 56-69 (internal sequence) (Cysteine residue). Sequence: ETDSVSSVTTKAK
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Database link: [Q9JJX6](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

阳性对照	WB: A549 cell lysate; ICC/IF: A431 cells; IHC-P: Human uterus tissue.
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常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA

纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab134559于以下的经测试应用

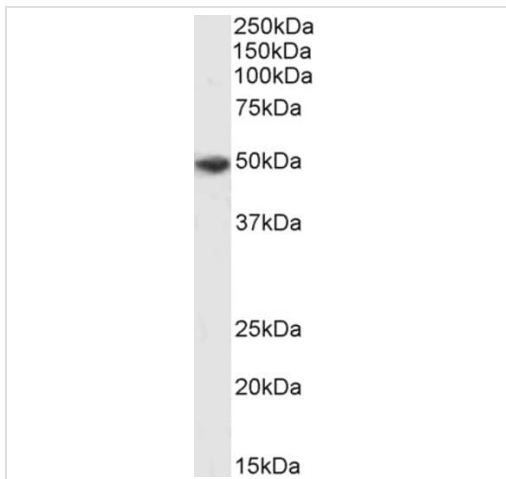
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 48-50 kDa (predicted molecular weight: 43 kDa). 1 hour primary incubation is recommended for this product.
ICC/IF		Use a concentration of 10 µg/ml.

靶标

功能	Receptor for ATP that acts as a ligand-gated ion channel. This receptor is insensitive to the antagonists PPADS and suramin.
序列相似性	Belongs to the P2X receptor family.
细胞定位	Membrane.

图片

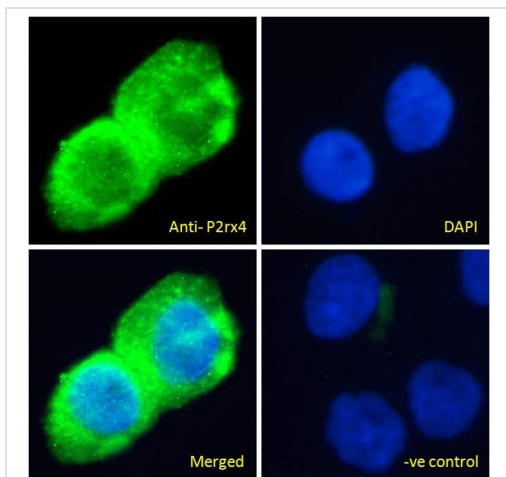


Western blot - Anti-P2X4 antibody (ab134559)

Anti-P2X4 antibody (ab134559) at 0.3 µg/ml + A549 (human lung carcinoma cell line) cell lysate (35µg protein in RIPA buffer)

Predicted band size: 43 kDa

Observed band size: 48-50 kDa



Immunocytochemistry/ Immunofluorescence - Anti-P2X4 antibody (ab134559)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells labeling P2X4 with ab134559. Cells permeabilized with 0.15% Triton. Primary incubation 1 hour (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (4 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (4 µg/mL).

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

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