

Anti-P2X7 antibody ab93354

★★★★★ [2 Abreviews](#) [7 References](#) [1 图像](#)

概述

产品名称	Anti-P2X7抗体
描述	山羊多克隆抗体to P2X7
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Guinea pig, Dog 
免疫原	Synthetic peptide corresponding to Human P2X7 aa 13-26 (N terminal) (Cysteine residue). Sequence: YETNKVTRIQSMNY

 [Run BLAST with](#)

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阳性对照 WB: Human brain frontal cortex lysate.

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: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
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

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab93354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	★★★★☆ (2)	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 37, 70 kDa (predicted molecular weight: 69 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 3 - 6 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能

Receptor for ATP that acts as a ligand-gated ion channel. Responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells.

组织特异性

Widely expressed with highest levels in brain and immune tissues.

序列相似性

Belongs to the P2X receptor family.

翻译后修饰

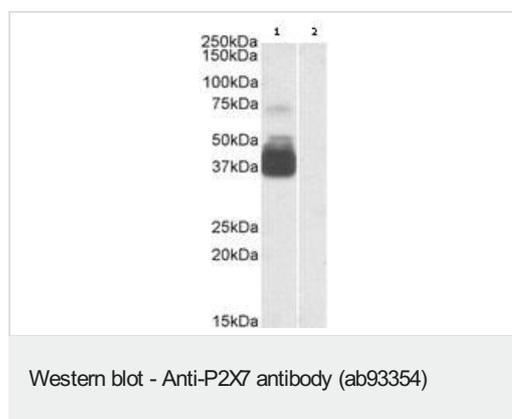
Phosphorylation results in its inactivation.

ADP-ribosylation at Arg-125 is necessary and sufficient to activate P2RX7 and gate the channel. Palmitoylation of several cysteines in the C-terminal cytoplasmic tail is required for efficient localization to cell surface.

细胞定位

Cell membrane.

图片



All lanes : Anti-P2X7 antibody (ab93354) at 0.3 µg/ml

Lane 1 : Human brain frontal cortex lysate

Lane 2 : Human brain frontal cortex lysate with Immunising peptide

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 69 kDa

Observed band size: 37,70 kDa

Detected by chemiluminescence.

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

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