


Product datasheet

Anti-P2RX7 antibody ab93354

2 图像

概述

产品名称	Anti-P2RX7抗体
描述	山羊多克隆抗体to P2RX7
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: YETNKVTRIQSMNY by a Cysteine residue linker, corresponding to N terminal amino acids 13-26 of Human P2RX7 (NP_002553.2) Run BLAST with Run BLAST with
阳性对照	Human brain frontal cortex lysate

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	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
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

Our [Abpromise guarantee](#) covers the use of **ab93354** in the following tested applications.

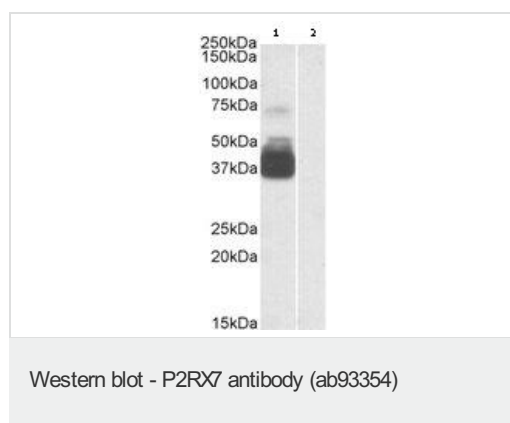
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 37, 70 kDa (predicted molecular weight: 69 kDa).
IHC-P		Use a concentration of 3 - 6 µg/ml.

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-P2RX7 antibody (ab93354) at 0.3 µg/ml

Lane 1 : Human brain frontal cortex lysate

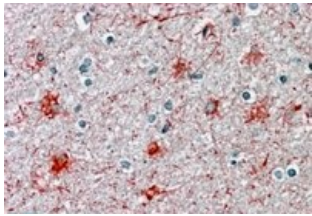
Lane 2 : Human brain frontal cortex lysate with Immunising peptide

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique

Predicted band size : 69 kDa

Observed band size : 37,70 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-P2RX7 antibody (ab93354)

ab87597 at 3.8 µg/ml staining P2RX7 in Human brain cortex. Steamed antigen retrieval with citrate buffer pH 6 was performed. Antibody was revealed with AP-staining.

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