


Product datasheet

Anti-P2RX7 antibody ab93354

2 图像

概述

<b>产品名称</b>	Anti-P2RX7抗体
<b>描述</b>	山羊多克隆抗体to P2RX7
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Mouse, Rat, Guinea pig, Dog 
<b>免疫原</b>	Synthetic peptide:  YETNKVTRIQSMNY  by a Cysteine residue linker, corresponding to N terminal amino acids 13-26 of Human P2RX7 (NP_002553.2)  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Human brain frontal cortex lysate

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>克隆</b>	多克隆
<b>同种型</b>	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.

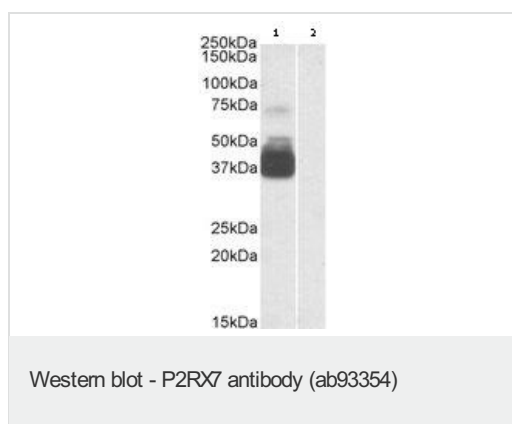
**组织特异性** Widely expressed with highest levels in brain and immune tissues.

**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.

## Anti-P2RX7 antibody 图像



**All lanes** : Anti-P2RX7 antibody (ab93354) at 0.3 µg/ml

**Lane 1** : Human brain frontal cortex lysate

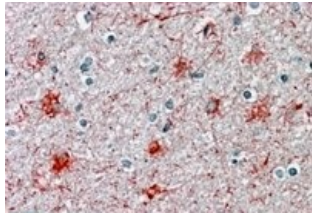
**Lane 2** : Human brain frontal cortex lysate with Immunising peptide

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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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