Leader in Biomolecular Solutions for Life Science

# P2RX7 Rabbit pAb

## Catalog No.: A10511

11 Publications

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## Basic Information

**Observed MW**
75 kDa

**Calculated MW**
15 kDa/29 kDa/31 kDa/36 kDa/42 kDa/58 kDa/69 kDa

**Category**
Polyclonal Antibodies

**Applications**
WB, IHC-P, ELISA

**Cross Reactivity**
Human, Mouse, Rat

## Background

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:5000 |
| **IHC-P** | 1:200 - 1:800 |

**ELISA**
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**
5027

**Swiss-Prot**
Q99572

**Immunogen**
This information is considered to be commercially sensitive.

**Synonyms**
P2X7; P2RX7


## Contact

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## Product Information

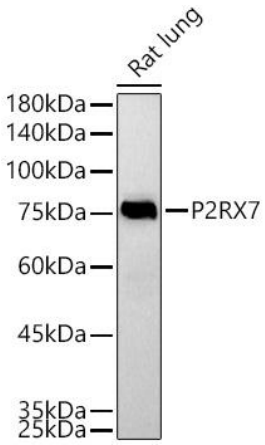
**Source**
Rabbit

**Isotype**
IgG

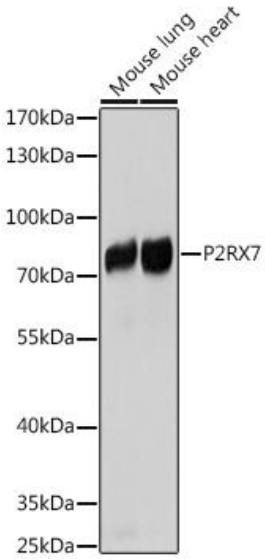
**Purity**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Western blot analysis of lysates from Rat lung, using P2RX7 Rabbit pAb (A10511) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.




Western blot analysis of various lysates, using P2RX7 Rabbit pAb (A10511) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.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