

# P2RX1 Rabbit Polyclonal Antibody



CAB7914

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

Refer to figures

### Calculated MW:

44kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene belongs to the P2X family of G-protein-coupled receptors. These proteins can form homo- and heterotimers and function as ATP-gated ion channels and mediate rapid and selective permeability to cations. This protein is primarily localized to smooth muscle where it binds ATP and mediates synaptic transmission between neurons and from neurons to smooth muscle and may be responsible for sympathetic vasoconstriction in small arteries, arterioles and vas deferens. Mouse studies suggest that this receptor is essential for normal male reproductive function. This protein may also be involved in promoting apoptosis.

## Immunogen information

### Gene ID:

5023

### Uniprot

P51575

### Synonyms:

P2RX1; P2X1

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 51-330 of human P2RX1 (NP\_002549.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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