

P2RX1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 45kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human P2RX1

Storage Buffer:

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

Synonym:

P2X1;

Catalog #: A7914

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5023

Isotype: IgG

Swiss Prot: P51575

Purity: Affinity purification

For research use only.

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 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.

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