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Datasheet for ABIN7162440

anti-P2RX1 antibody (AA 54-175) (Biotin)

Overview

Quantity:	100 µg
Target:	P2RX1
Binding Specificity:	AA 54-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human P2X purinoceptor 1 protein (54-175AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	P2RX1
Alternative Name:	P2RX1 (P2RX1 Products)
Background:	Background: Ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Seems

Target Details

to be linked to apoptosis, by increasing the intracellular concentration of calcium in the presence of ATP, leading to programmed cell death (By similarity).

Aliases: ATP receptor antibody, H.sapiens mRNA for ATP receptor antibody, P2 RX1 antibody, P2rx1 antibody, P2RX1 protein antibody, P2RX1_HUMAN antibody, P2X purinoceptor 1 antibody, P2X receptor subunit 1 antibody, P2X1 antibody, P2X1 receptor antibody, Purinergic receptor antibody, Purinergic receptor P2X ligand gated ion channel 1 antibody, Purinergic receptor P2X1 antibody

UniProt: [P51575](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.