

P2X1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51813

Specification

P2X1 Antibody - Product Information

Application	WB, E
Primary Accession	P51575
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 KDa

P2X1 Antibody - Additional Information

Gene ID 5023

Other Names

P2X purinoceptor 1, P2X1, ATP receptor, Purinergic receptor, P2RX1, P2X1

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

P2X1 Antibody - Protein Information

Name P2RX1

Synonyms P2X1

Function

Ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Seems to be linked to apoptosis, by increasing the intracellular concentration of calcium in the presence of ATP, leading to programmed cell death (By similarity).

Cellular Location

Membrane; Multi-pass membrane protein.

P2X1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P2X1 Antibody - Images

P2X1 Antibody - Background

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P2X1 Antibody - References

Valera S., et al. Recept. Channels 3:283-289(1995).
Longhurst P.A., et al. Biochim. Biophys. Acta 1308:185-188(1996).
Sun B., et al. J. Biol. Chem. 273:11544-11547(1998).
Dhulipala P.D., et al. Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Ennion S.J., et al. Mol. Pharmacol. 61:303-311(2002).