

Rabbit anti-Human P2RX1 Polyclonal Antibody | anti-P2RX1 antibody

P2RX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232614	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

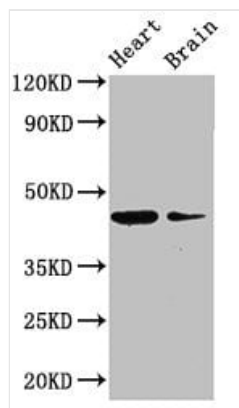
PRODUCT SYNONYMS

P2RX1; Polyclonal Antibody; P2RX1 Antibody; P2X purinoceptor 1; P2X1; ATP receptor; Purinergic receptor; anti-P2RX1 antibody

PRODUCT SPECIFICATIONS

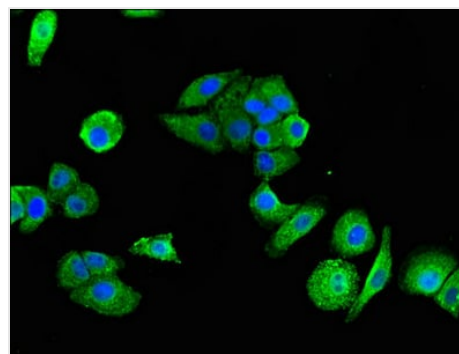
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	399
Applicable Applications for anti-P2RX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human P2X purinoceptor 1 protein (54-175AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-12208 / sc-25692 / sc-31491
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



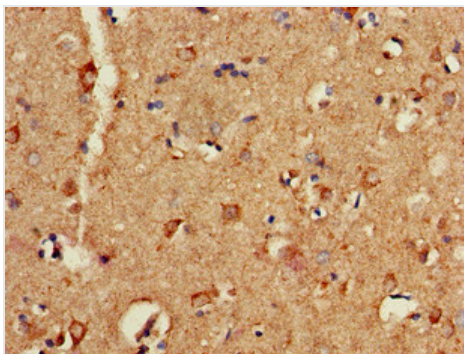
WB (Western Blot)

Western BlotPositive WB detected in: Mouse heart tissue,Mouse brain tissueAll lanes:
P2RX1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 45 KDaObserved band size: 45 KDa



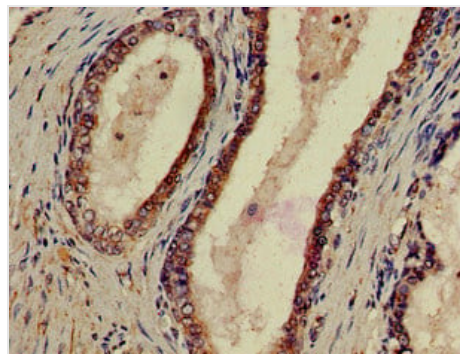
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232614 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232614 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA232614 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-P2RX1 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505545
NCBI GeneID	5023
NCBI Accession #	NP_002549.1
NCBI GenBank Nucleotide #	NM_002558.3
UniProt Accession #	P51575; Q9UK84
Molecular Weight	44,980 Da
NCBI Official Full Name	P2X purinoceptor 1
NCBI Official Synonym Full Names	purinergic receptor P2X 1
NCBI Official Symbol	P2RX1
NCBI Official Synonym Symbols	P2X1
NCBI Protein Information	P2X purinoceptor 1
UniProt Protein Name	P2X purinoceptor 1
UniProt Gene Name	P2RX1
UniProt Synonym Gene Names	P2X1; P2X1
UniProt Entry Name	P2RX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/p2rx1-antibody-immunofluorescence-immunohistochemistry-elisa/232614>