

Rabbit anti-Human P2RX4 Polyclonal Antibody | anti-P2RX4 antibody

P2RX4 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283263	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence

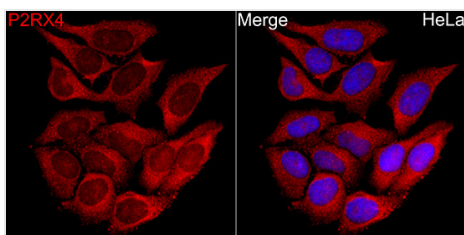
PRODUCT SYNONYMS

P2RX4; Polyclonal Antibody; P2RX4 Rabbit pAb; P2X4; P2X4R; anti-P2RX4 antibody

PRODUCT SPECIFICATIONS

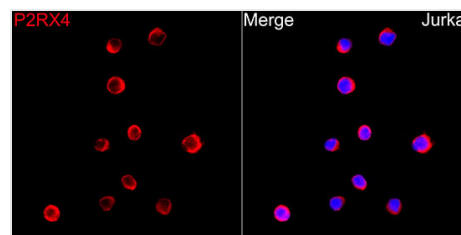
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	QTQGLCPEIP DATTVCKSDA SCTAGSAGTH SNGVSTGRCV AFNGSVKTCE VAAWCPVEDD THVPQPAFLK AAENFTLLVK NNIWYPKFNF SKRNILPNIT T
Applicable Applications for anti-P2RX4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 111-211 of human P2RX4(NP_002551.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



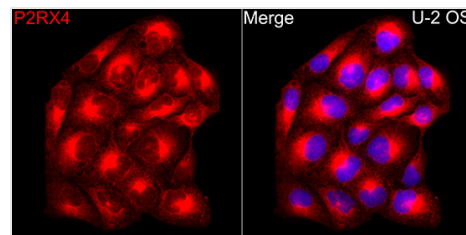
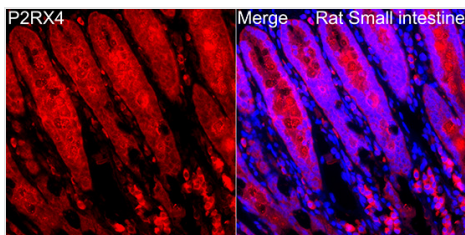
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using P2RX4 Rabbit pAb(AAA283263) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using P2RX4 Rabbit pAb(AAA283263) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Rat small intestine using P2RX4 Rabbit pAb(AAA283263) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using P2RX4 Rabbit pAb(AAA283263) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-P2RX4 antibody

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with high calcium permeability. The main pharmacological distinction between the members of the purinoceptor family is the relative sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest sensitivity for these antagonists. Multiple alternatively spliced transcript variants, some protein-coding and some not protein-coding, have been found for this gene.

Product Categories/Family for anti-P2RX4 antibody

Cell Biology Developmental Biology; Neuroscience; Cardiovascular; Blood; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242696
NCBI GeneID	5025
UniProt Accession #	Q99571; O00450; O14722; Q5U089; Q5U090; Q8N4N1; Q9UBG9; E7EPF7; F6RU17
Molecular Weight	Calculated MW: 43kDa
UniProt Protein Name	P2X purinoceptor 4
UniProt Gene Name	P2RX4
UniProt Synonym Gene Names	P2X4
UniProt Entry Name	P2RX4_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://stage.aaabiotech.com/polyclonal/p2rx4-antibody-immunocytochemistry-immunofluorescence-elisa/283263>