

Rabbit P2RY1 / P2Y1 Polyclonal Antibody | anti-P2RY1 antibody

Rabbit Polyclonal to Human P2RY1 / P2Y1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51047	Rabbit	Bat, Gibbon, Bovine, Dog, Guinea pig, Gorilla, Hamster, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Horse, Xenopus (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

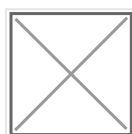
PRODUCT SYNONYMS

P2RY1 / P2Y1; Polyclonal Antibody; Rabbit Polyclonal to Human P2RY1 / P2Y1; Anti-P2RY1 / P2Y1 Antibody (C-Terminus) IHC-plus; P2RY1; ATP receptor; p2Y1; p2y1r; Platelet ADP receptor; Purinoceptor p2y1; Purinergic receptor; p2 purinoceptor subtype Y1; p2RY1; p2Y purinoceptor 1; p2y-1-r; Purinoceptor p2yr1; p2y1 receptor; Human P2RY1; P2Y1; anti-P2RY1 antibody

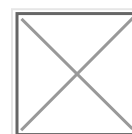
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Guinea pig, Gorilla, Hamster, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Horse, Xenopus (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human P2RY1 / P2Y1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	373
Applicable Applications for anti-P2RY1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from C-terminus of human P2RY1 / P2Y1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat, Dog, Bovine, Rabbit, Opossum.
Immunogen Type	Synthetic peptide
Immunogen	P2RY1 / P2Y1 antibody was raised against synthetic 15 amino acid peptide from C-terminus of human P2RY1 / P2Y1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat, Dog, Bovine, Rabbit, Opossum, Guinea pig (100%); Horse, Xenopus (93%); Lizard (87%); Turkey, Chicken (80%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



Transfection Control



Transfection



IHC (Immunohistochemistry)
Human, Adrenal: Formalin-Fixed Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY1 antibody	P2Y1 is a Purinergic Receptor that causes a change in platelet shape and potentially leads to platelet aggregation by binding ADP, which results in the mobilization of intracellular calcium ions via activation of phospholipase C. This receptor also mediates the release of the relaxing factor nitric oxide and may be involved in the modulation of neuronal signal transmission.
Product Categories/Family for anti-P2RY1 antibody	Family: GPCR; Subfamily: Purinergic

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505557
NCBI GeneID	5028
NCBI Accession #	NP_002554.1
NCBI GenBank Nucleotide #	NM_002563.3
UniProt Accession #	P47900
Molecular Weight	42,072 Da
NCBI Official Full Name	P2Y purinoceptor 1
NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled, 1
NCBI Official Symbol	P2RY1
NCBI Official Synonym Symbols	P2Y1
NCBI Protein Information	P2Y purinoceptor 1; ATP receptor; platelet ADP receptor; P2 purinoceptor subtype Y1
UniProt Protein Name	P2Y purinoceptor 1
UniProt Gene Name	P2RY1
UniProt Synonym Gene Names	P2Y1
UniProt Entry Name	P2RY1_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/p2ry1-p2y1-antibody-immunocytochemistry-immunohistochemistry-elisa/51047>