

Rabbit P2RY12 / P2Y12 Polyclonal Antibody | anti-P2RY12 antibody

Rabbit Polyclonal to Human P2RY12 / P2Y12

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51260	Rabbit	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

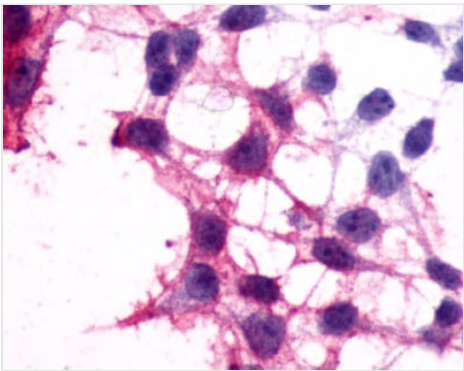
PRODUCT SYNONYMS

P2RY12 / P2Y12; Polyclonal Antibody; Rabbit Polyclonal to Human P2RY12 / P2Y12; Anti-P2RY12 / P2Y12 Antibody (N-Terminus) IHC-plus; P2RY12; ADP-glucose receptor; ADPG-R; p2Y(12)R; p2Y(ADP); p2T(AC); p2Y12; Platelet ADP receptor; SP1999; p2RY12; p2Y purinoceptor 12; Purinergic receptor P2RY12; BDPLT8; Gi-coupled ADP receptor HORK3; HORK3; p2Y(AC); p2Y(cyc); p2Y12 platelet ADP receptor; Human P2RY12; P2Y12; anti-P2RY12 antibody

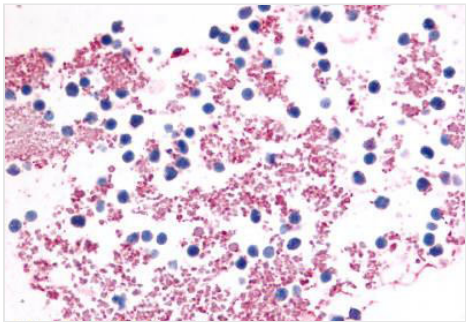
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human P2RY12 / P2Y12. 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	342
Applicable Applications for anti-P2RY12 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human P2RY12 / P2Y12. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%); Gibbon, Marmoset (88%); Pig (82%).
Immunogen Type	Synthetic peptide
Immunogen	P2RY12 / P2Y12 antibody was raised against synthetic 17 amino acid peptide from N-terminal extracellular domain of human P2RY12 / P2Y12. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%); Gibbon, Marmoset (88%); Pig (82%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

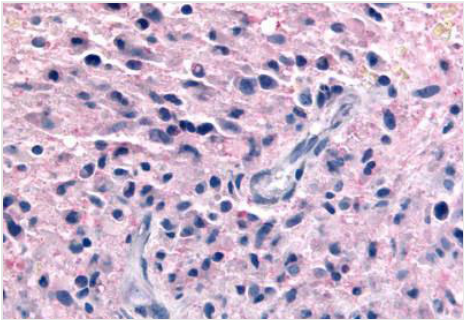
IMAGES



Transfection Control
Anti-P2RY12 / P2Y12 antibody immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected with P2RY12 / P2Y12.



IHC (Immunohistochemistry)
Anti-P2RY12 / P2Y12 antibody IHC of human blood, platelets. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-P2RY12 / P2Y12 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY12 antibody	P2Y12 is a Purinergic Receptor essential for the aggregation of blood platelets. There is evidence that mutations in P2Y12 cause a bleeding disorder, suggesting that knowledge of the P2Y12 receptor could advance the development of antiplatelet agents to treat cardiovascular diseases.
Product Categories/Family for anti-P2RY12 antibody	Family: GPCR; Subfamily: Purinergic

NCBI AND UNIPROT INFORMATION

NCBI GI #	12232483
NCBI GeneID	64805
NCBI Accession #	NP_073625.1
NCBI GenBank Nucleotide #	NM_022788.4
UniProt Accession #	Q9H244; Q546J7; D3DNJ5
Molecular Weight	39,439 Da
NCBI Official Full Name	P2Y purinoceptor 12
NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled, 12
NCBI Official Symbol	P2RY12
NCBI Official Synonym Symbols	HORK3; P2Y12; ADPG-R; BDPLT8; SP1999; P2T(AC); P2Y(AC); P2Y(12)R; P2Y(ADP); P2Y(cyc)

NCBI Protein Information	P2Y purinoceptor 12; ADP-glucose receptor; purinergic receptor P2RY12; P2Y12 platelet ADP receptor; Gi-coupled ADP receptor HORK3; G-protein coupled receptor SP1999; putative G-protein coupled receptor
UniProt Protein Name	P2Y purinoceptor 12
UniProt Gene Name	P2RY12
UniProt Synonym Gene Names	HORK3; P2Y12; ADPG-R; P2Y(ADP)
UniProt Entry Name	P2Y12_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/p2ry12-p2y12-antibody-immunocytochemistry-immunohistochemistry-elisa/51260>