

Rabbit P2RY12 Polyclonal Antibody | anti-P2RY12 antibody

P2RY12 Polyclonal Antibody

CATALOG # AAA281272	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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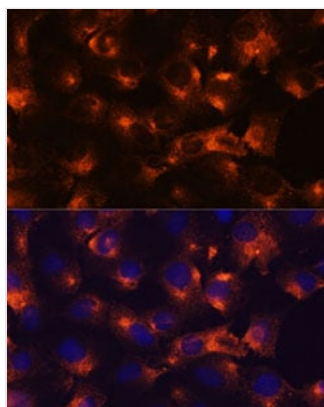
PRODUCT SYNONYMS

P2RY12; Polyclonal Antibody; P2RY12 Polyclonal Antibody; ADPG-R; BDPLT8; HORK3; P2T(AC); P2Y(12)R; P2Y(AC); P2Y(ADP); P2Y(cyc); P2Y12; SP1999; anti-P2RY12 antibody

PRODUCT SPECIFICATIONS

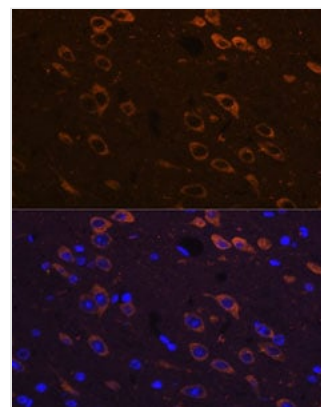
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-P2RY12 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human P2RY12 (NP_795345.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



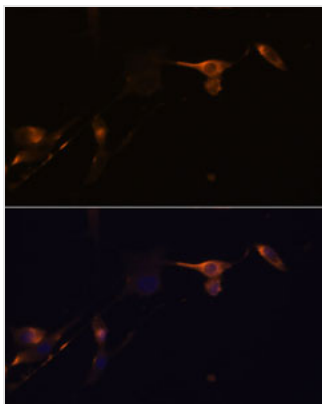
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using P2RY12 antibody (AAA281272) at dilution of 1:100. Blue: DAPI for nuclear staining.



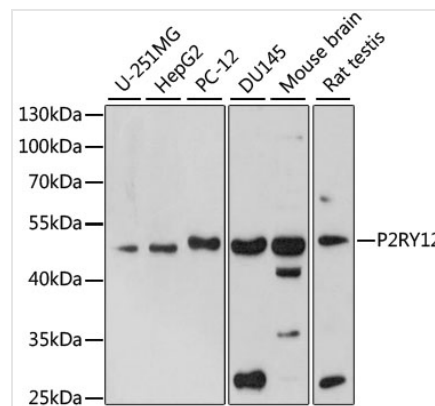
IF (Immunofluorescence)

Immunofluorescence analysis of mouse brain using P2RY12 antibody (AAA281272) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U-87MG cells using P2RY12 antibody (AAA281272) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using P2RY12 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY12 antibody	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is involved in platelet aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Mutations in this gene are implicated in bleeding disorder, platelet type 8 (BDPLT8). Alternative splicing results in multiple transcript variants of this gene.
Product Categories/Family for anti-P2RY12 antibody	Polyclonal Antibodies

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	Calculated: 39kDa Observed: 50kDa
NCBI Official Full Name	P2Y purinoceptor 12
NCBI Official Synonym Full Names	purinergic receptor P2Y12
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
UniProt Protein Name	P2Y purinoceptor 12
UniProt Gene Name	P2RY12
UniProt Synonym Gene Names	HORK3; P2Y12; ADPG-R; P2Y(ADP)

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.