

P2RY12 / P2Y12 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10693**Specification**

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	Q9H244
Reactivity	Human, Rabbit, Monkey, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa
Dilution	IHC-P~~N/A

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Additional Information**Gene ID** 64805**Other Names**

P2Y purinoceptor 12, P2Y12, ADP-glucose receptor, ADPG-R, P2T(AC), P2Y(AC), P2Y(cyc), P2Y12 platelet ADP receptor, P2Y(ADP), SP1999, P2RY12, HORK3

Target/Specificity

Human P2RY12 / P2Y12. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CACNA1F (56%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

P2RY12 / P2Y12 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Protein Information**Name** P2RY12**Synonyms** HORK3**Function**

Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Not activated by UDP and UTP. Required for normal platelet aggregation and blood coagulation.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in the platelets, lower levels in the brain. Lowest levels in the lung, appendix, pituitary and adrenal gland. Expressed in the spinal cord and in the fetal brain

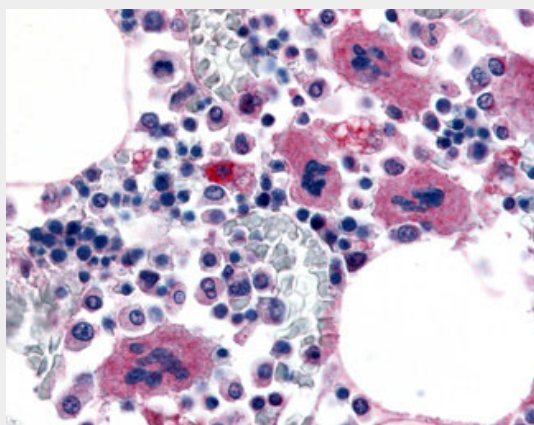
Volume

50 µl

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Images

Anti-P2RY12 / P2Y12 antibody ALS10693 IHC of human bone marrow, megakaryocytes.

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Background

Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Not activated by UDP and UTP. Required for normal platelet aggregation and blood coagulation.

P2RY12 / P2Y12 Antibody (Extracellular Domain) - References

Hollopeter G., et al. Nature 409:202-207(2001).
Zhang F.L., et al. J. Biol. Chem. 276:8608-8615(2001).
Takasaki J., et al. Mol. Pharmacol. 60:432-439(2001).
Reinscheid R.K., et al. Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
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