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P2RY12 / P2Y12 Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10693

Specification

P2RY12 / P2Y12 Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	Q9H244
Reactivity	**Human, Rabbit, Monkey, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**39kDa KDa**

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

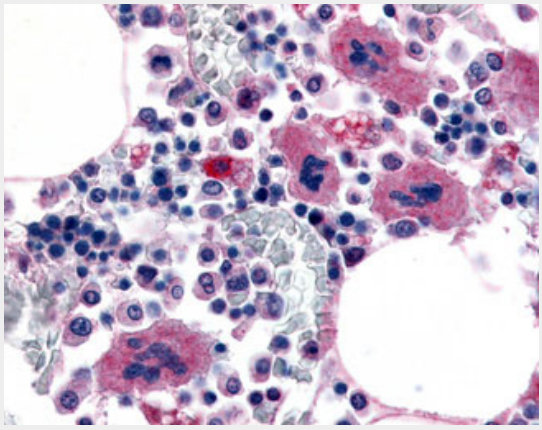
Volume
50 µl

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 Cytomety
- 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

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Zhang F.L.,et al.J. Biol. Chem. 276:8608-8615(2001).
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