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P2Y12 Antibody

Rabbit mAb
Catalog # AP92821

Product Information

Application	WB, IP
Primary Accession	Q9H244
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ADP glucose receptor; ADPGR; BDPLT8; HORK3; P2RY12; P2Y purinoceptor 12; P2Y12; P2Y12 platelet ADP receptor; Platelet ADP receptor; Purinergic receptor P2RY12; Purinergic receptor P2Y12; SP1999;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39439

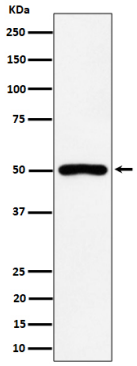
Additional Information

Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human P2Y12
Description	Receptor for ADP and ATP coupled to G-proteins that inhibit the adenylyl cyclase second messenger system. Not activated by UDP and UTP. Involved in platelets aggregation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images



Western blot analysis of P2Y12 expression in RAW 264.7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.