

Immunotag™ P2Y12 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2679
Product Description	Immunotag™ P2Y12 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	P2Y12
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 110-190
Specificity	P2Y12 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	P2RY12 HORK3
Accession No.	Q9H244 Q9CPV9 Q9EPX4

Antibody Specification

Description	purinergic receptor P2Y12(P2RY12) Homo sapiens 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. [provided by RefSeq, Jul 2013],
Protein Expression	Blood,Brain,Hypothalamus,Prostate,
Subcellular Localization	mitochondrion,plasma membrane,integral component of plasma membrane,caveola,external side of plasma membrane,basal plasma membrane,cell surface,integral component of membrane,intrinsic component of membrane,
Protein Function	disease:Defects in P2RY12 are a cause of bleeding disorder [MIM:609821].,function: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.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity: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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.