



Anti-P2RY1 (C-terminal) polyclonal antibody (DPABH-28205)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Receptor for extracellular adenine nucleotides such as ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation.
Immunogen	A synthetic peptide from the C terminal region of Mouse P2Y1, conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Guinea pig
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	IHC-P, IHC-Fr, WB
Format	Liquid
Size	100 µl
Buffer	Constituents: Whole serum
Preservative	None
Storage	Store at 4°C short term (1-2 weeks). Add glycerol to a final volume of 50%, aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	P2RY1 purinergic receptor P2Y, G-protein coupled 2 [<i>Mus musculus</i>]
Official Symbol	P2RY1
Synonyms	P2RY1; purinergic receptor P2Y, G-protein coupled 1; P2Y1; P2Y purinoceptor 1; ATP receptor; P2Y1 receptor;
Entrez Gene ID	18441
Protein Refseq	NP_001268945.1
UniProt ID	P49650
Pathway	ADP signalling through P2Y purinoceptor 1; G alpha (q) signalling events; GPCR ligand binding; Gastrin-CREB signalling pathway via PKC and MAPK
Function	A1 adenosine receptor binding; ADP binding; ADP-activated nucleotide receptor activity; ATP binding