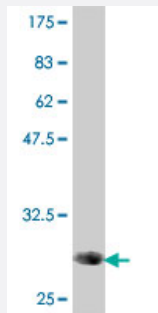


P2RY1 polyclonal antibody (A01)

Catalog # H00005028-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (31.83 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant P2RY1.
Immunogen	P2RY1 (NP_002554, 1 a.a. ~ 52 a.a) partial recombinant protein with GST tag.
Sequence	MTEVLWPAVPNGTDAAFLAGPGSSWGNSTVASTAAVSSSFKCALTKTGFQFY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.83 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — P2RY1

Entrez GeneID [5028](#)

GeneBank Accession# [NM_002563](#)

Protein Accession# [NP_002554](#)

Gene Name P2RY1

Gene Alias P2Y1

Gene Description purinergic receptor P2Y, G-protein coupled, 1

Omim ID [601167](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 functions as a receptor for extracellular 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. [provided by RefSeq]

Other Designations ATP receptor|P2 purinoceptor subtype Y1|P2Y purinoceptor 1|platelet ADP receptor|purinergic receptor P2Y1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)
- [Vascular Diseases](#)