

P2RY1 (aa247-257) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2663a

Specification

P2RY1 (aa247-257) Antibody (internal region) - Product Information

Application	E
Primary Accession	P47900
Other Accession	NP_002554.1 , 5028
Predicted	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	42072

P2RY1 (aa247-257) Antibody (internal region) - Additional Information

Gene ID 5028

Other Names

P2Y purinoceptor 1, P2Y1, ATP receptor, Purinergic receptor, P2RY1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

P2RY1 (aa247-257) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

P2RY1 (aa247-257) Antibody (internal region) - Protein Information

Name P2RY1

Function

Receptor for extracellular adenine nucleotides such as ADP (PubMed:9442040, PubMed:9038354, PubMed:25822790). In platelets, binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and ultimately platelet aggregation (PubMed:9442040).

Cellular Location

Cell membrane; Multi-pass membrane protein

P2RY1 (aa247-257) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P2RY1 (aa247-257) Antibody (internal region) - Images**P2RY1 (aa247-257) Antibody (internal region) - References**

Calmodulin interacts with the platelet ADP receptor P2Y1. Arthur JF, Shen Y, Mu FT, Leon C, Gachet C, Berndt MC, Andrews RK. Biochem J. 2006 Sep 15;398(3):339-43. PMID: 16848759