

P2RY1 / P2Y1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10698**Specification**

P2RY1 / P2Y1 Antibody (C-Terminus) - Product Information

Application	IHC, ICC
Primary Accession	P47900
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

P2RY1 / P2Y1 Antibody (C-Terminus) - Additional Information**Gene ID** 5028**Other Names**

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

Target/Specificity

Human P2RY1 / P2Y1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

P2RY1 / P2Y1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

P2RY1 / P2Y1 Antibody (C-Terminus) - 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

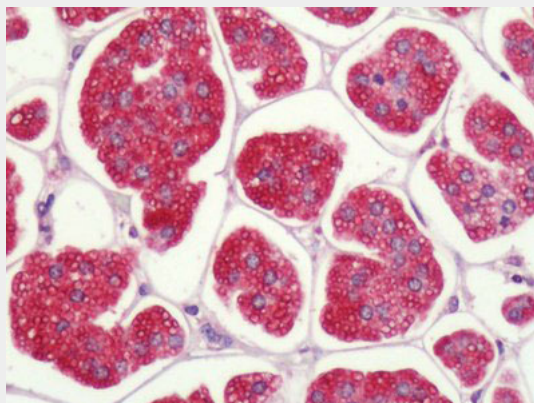
Volume
50 µl

P2RY1 / P2Y1 Antibody (C-Terminus) - Protocols

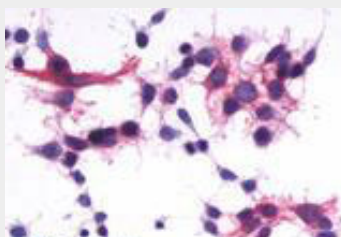
Provided below are standard protocols that you may find useful for product applications.

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

P2RY1 / P2Y1 Antibody (C-Terminus) - Images



Human, Adrenal: Formalin-Fixed Paraffin-Embedded (FFPE)



P2RY1 / P2Y1 Antibody (C-Terminus) - Background

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.

P2RY1 / P2Y1 Antibody (C-Terminus) - References

Leon C., et al. Gene 171:295-297(1996).
Ayyanathan K., et al. Biochem. Biophys. Res. Commun. 218:783-788(1996).
Janssens R., et al. Biochem. Biophys. Res. Commun. 221:588-593(1996).
Leon C., et al. Submitted (JUN-1998) to the EMBL/GenBank/DBJ databases.

Puhl H.L. III, et al. Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases.