Datasheet for ABIN6145124

anti-P2RY1 antibody (AA 274-373)

1 Image

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Overview

Quantity:	100 µL
Target:	P2RY1
Binding Specificity:	AA 274-373
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 274-373 of human P2RY1 (NP_002554.1).
Sequence:	IPFHVMKTMN LRARLDFQTP AMCAFNDRVY ATYQVTRGLA SLNSCVDPIL YFLAGDTFRR RLSRATRKAS RRSEANLQSK SEDMTLNILP EFKQNGDTSL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	P2RY1
Alternative Name:	P2RY1 (P2RY1 Products)

Target Details

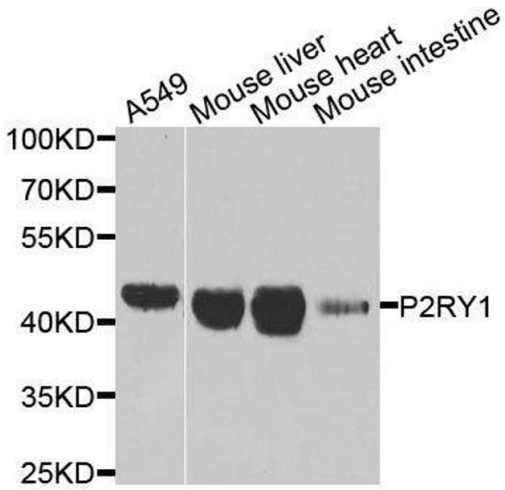
Background:	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular 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.,P2RY1,P2Y1,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,P2RY1
Molecular Weight:	42 kDa
Gene ID:	5028
UniProt:	P47900
Pathways:	Regulation of Carbohydrate Metabolic Process, Feeding Behaviour

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using P2RY1 antibody.

