ARG57509
anti-P2RY1 / P2Y1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes P2RY1 / P2Y1
Tested Reactivity	Hu
Predict Reactivity	Bov, Rat, Chk
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	P2RY1 / P2Y1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 231-260 (Center) of Human P2RY1 / P2Y1.
Conjugation	Un-conjugated
Alternate Names	P2Y1; P2Y purinoceptor 1; ATP receptor; Purinergic receptor; P2Y1 Receptor

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: NCI-H292

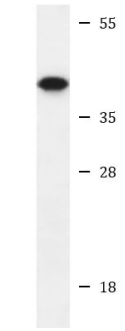
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	P2RY1
Gene Full Name	purinergic receptor P2Y, G-protein coupled, 1
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. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein.

Images



ARG57509 anti-P2RY1 / P2Y1 antibody WB image

Western blot: 35 µg of NCI-H292 cell lysate stained with ARG57509 anti-P2RY1 / P2Y1 antibody.