

ARG56276
anti-P2RY4 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes P2RY4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	P2RY4
Species	Human
Immunogen	Synthetic peptide of Human P2RY4
Conjugation	Un-conjugated
Alternate Names	UNR; P2Y purinoceptor 4; P2Y4; P2P; Uridine nucleotide receptor; NRU

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart and BxPC-3	

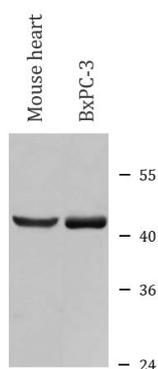
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	P2RY4
Gene Full Name	pyrimidinerbic receptor P2Y, G-protein coupled, 4
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 is responsive to uridine nucleotides, partially responsive to ATP, and not responsive to ADP. [provided by RefSeq, Jul 2008]
Function	Receptor for UTP and UDP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. Not activated by ATP or ADP. [UniProt]
Calculated Mw	41 kDa
PTM	Phosphorylation of Ser-333 and Ser-334 is a key step in agonist-dependent desensitization and loss of surface P2RY4. This phosphorylation does not involve PKC, nor other calcium activated kinases.

Images



ARG56276 anti-P2RY4 antibody WB image

Western blot: Mouse heart and BxPC-3 cell lysate stained with ARG56276 anti-P2RY4 antibody.