

Product datasheet

info@arigobio.com

ARG41027 anti-P2RY2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes P2RY2

Tested Reactivity Hu, Ms
Tested Application WB
Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name P2RY2
Species Human

Immunogen Recombinant fusion protein corresponding to aa. 278-377 of Human P2RY2 (NP_788086.1).

Conjugation Un-conjugated

Alternate Names HP2U; ATP receptor; P2Y purinoceptor 2; P2Y2; P2U1; P2U purinoceptor 1; P2UR; P2U; P2U receptor 1;

P2Y2R; P2RU1; Purinergic receptor

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart	
Observed Size	50 kDa	

Properties

Form Liquid

Purification Affinity purified.

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 P2RY2

Gene Full Name purinergic receptor P2Y, G-protein coupled, 2

Background The product of this gene belongs to the family of P2 receptors, which is activated by extracellular

nucleotides and subdivided into P2X ligand-gated ion channels and P2Y 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, found on many cell types, is activated by ATP and UTP and is reported to be overexpressed on some cancer cell types. It is involved in many cellular functions, such as proliferation, apoptosis and inflammation. Three transcript variants

encoding the same protein have been identified for this gene. [provided by RefSeq, Mar 2013]

Function Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second

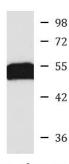
messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.

[UniProt]

Calculated Mw 42 kDa

Cellular Localization Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG41027 anti-P2RY2 antibody WB image

Western blot: 25 μg of Mouse heart lysate stained with ARG41027 anti-P2RY2 antibody at 1:1000 dilution.

Mouse heart