



Rabbit Anti-Human P2RY2 Polyclonal Antibody (DPABH-11175)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 278-377 of human P2RY2 (NP_788086.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB, IF
Positive Control	Mouse liver, Mouse heart, Mouse skeletal muscle
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

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

Keywords	P2RY2; purinergic receptor P2Y, G-protein coupled, 2; P2U; HP2U; P2U1; P2UR; P2Y2; P2RU1; P2Y2R; P2Y purinoceptor 2; ATP receptor; P2U receptor 1; purinoceptor P2Y2; P2U purinoceptor 1; P2U nucleotide receptor; purinergic receptor P2Y2;
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GENE INFORMATION

Entrez Gene ID	5029
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UniProt ID	P41231
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