



Anti-P2RX1 (aa 364-372) polyclonal antibody (DPAB2769RR)

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

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal to rat purinergic receptor P2X, ligand-gated ion channel, 1.
Antigen Description	P2X purinoceptor 1 is a protein that in humans is encoded by the P2RX1 gene. The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with relatively high calcium permeability. Expressed in smooth muscle and platelets.
Immunogen	GLQENMRTS Corresponding residues 364-372 of the rat P2X1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IHC, ICC
Format	Whole Serum (with 0.5% sodium azide) Sent in liquid form
Size	50 µl
Preservative	None
Storage	Store frozen. Aliquot as undiluted serum and immediately place at -20° C. Serum may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20° C. Repeated freeze/thaw cycl

GENE INFORMATION

Gene Name	P2rx1 purinergic receptor P2X, ligand-gated ion channel, 1 [Rattus norvegicus]
Synonyms	P2rx1; purinergic receptor P2X, ligand-gated ion channel, 1; P2XMR; P2X purinoceptor 1; P2X1; ATP receptor; RP-2 protein
Entrez Gene ID	25505
Protein Refseq	NP_001135839
UniProt ID	B7U2F3
Chromosome Location	10q24
Pathway	Calcium signaling pathway; Elevation of cytosolic Ca ²⁺ levels; Hemostasis; Neuroactive ligand-receptor interaction; Platelet calcium homeostasis; Platelet homeostasis
Function	ATP binding; cation channel activity; drug binding; extracellular ATP-gated cation channel activity; protein binding; purinergic nucleotide receptor activity; receptor activity; zinc ion binding