



# P2RY1 Polyclonal Antibody

<b>Catalog No</b>	BYab-07527
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	P2RY1
<b>Protein Name</b>	P2Y purinoceptor 1 (P2Y1) (ATP receptor) (Purinergic receptor)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 130-210
<b>Specificity</b>	P2RY1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	41kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Blood,Brain,Lung,Placenta,Platelet,
<b>Function</b>	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.,induction:Repressed by the P2Y1 receptor-specific antagonists A3P5PS, A3P5P and A2P5P. These inhibit calcium ion mobilization and shape change in platelets.,similarity:Belongs to the G-protein coupled receptor 1 family.,
<b>Background</b>	purinergic receptor P2Y1(P2RY1) Homo sapiens 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

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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],

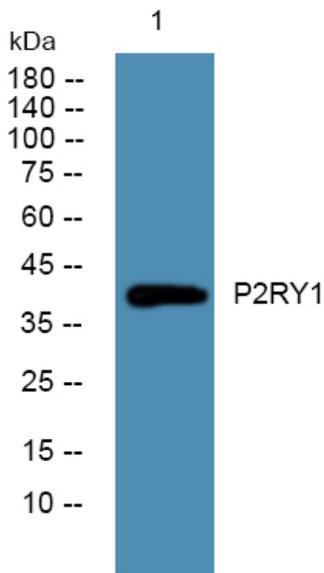
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night