

## P2RY1 Rabbit pAb

CatalogNo: YN2673

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse

#### Applications

- WB,ELISA

#### MW

- 41kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human protein . at AA range: 130-210

#### Specificity

P2RY1 Polyclonal Antibody detects endogenous levels of protein.

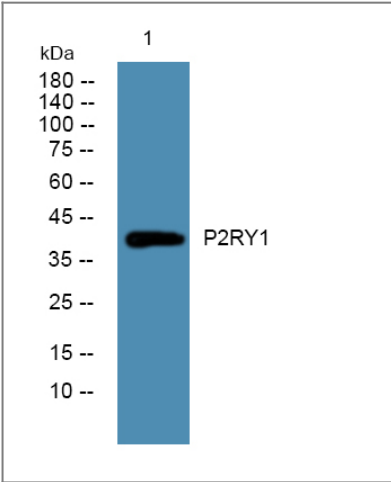
### Target Information

#### Gene name

P2RY1

<b>Protein Name</b>	P2Y purinoceptor 1 (P2Y1) (ATP receptor) (Purinergic receptor)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5028;</a>	<a href="#">P47900;</a>
	Mouse		<a href="#">P49650;</a>
	Rat		<a href="#">P49651;</a>
<b>Cellular Localization</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.,		

Validation Data



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

Contact information

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