

## P2RY1

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**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**42kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human P2RY1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

P2Y1;

**Catalog #:**A7706

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5028

**Isotype:**IgG

**Swiss Prot:**P47900

**Purity:**Affinity purification

For research use only.

**Background:**

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 leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation.

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