

## **Product datasheet for TA339177**

## P2Y1 (P2RY1) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-P2RY1 antibody: synthetic peptide directed towards the N terminal

of human P2RY1. Synthetic peptide located within the following region:

VAIWMFVFHMKPWSGISVYMFNLALADFLYVLTLPALIFYYFNKTDWIFG

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

**Purification:** Protein A purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 42 kDa

**Gene Name:** purinergic receptor P2Y1

Database Link: NP 002554

Entrez Gene 5028 Human

P47900



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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. [provided by RefSeq, Jul 2008]

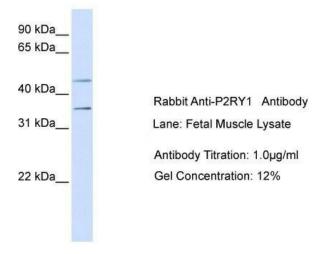
Synonyms: P2Y1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 92%

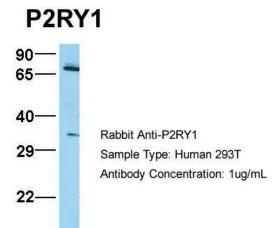
**Protein Families:** Druggable Genome, GPCR, Transmembrane **Protein Pathways:** Neuroactive ligand-receptor interaction

## **Product images:**



WB Suggested Anti-P2RY1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control:

Human Fetal Muscle



Host: Rabbit; Target Name: P2RY1; Sample Tissue: 293T; Antibody Dilution: 1.0 ug/ml