

**P2ry4 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5565**

## Specification

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### P2ry4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">O9JJS7</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	M=41;R=41 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

### P2ry4 Antibody (N-term) - Additional Information

**Gene ID** 57385

**Antigen Region**  
5-42

**Other Names**  
P2Y purinoceptor 4, P2Y4, P2ry4, P2y4r

**Dilution**  
WB~~1:2000

**Target/Specificity**  
This P2ry4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5-42 amino acids from the N-terminal region of human P2ry4.

**Storage**  
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**  
P2ry4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### P2ry4 Antibody (N-term) - Protein Information

**Name** P2ry4

**Synonyms** P2y4r

**Function**  
Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium

second messenger system.

#### Cellular Location

Cell membrane; Multi-pass membrane protein.

#### Tissue Location

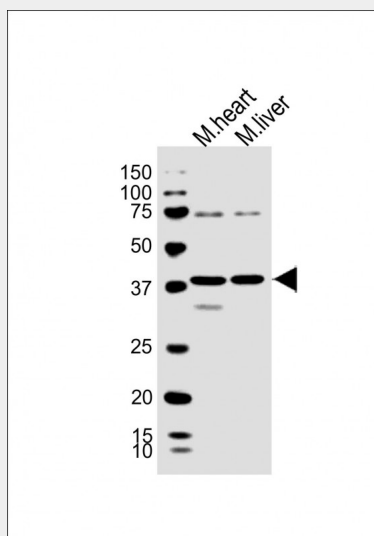
Expressed in the liver, intestine, stomach, bladder and lung

### P2ry4 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### P2ry4 Antibody (N-term) - Images



All lanes : Anti-P2ry4 Antibody (N-term) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: mouse liver lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

### P2ry4 Antibody (N-term) - Background

Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system.

### P2ry4 Antibody (N-term) - References

Suarez-Huerta N., et al. Eur. J. Pharmacol. 416:197-202(2001).  
Carninci P., et al. Science 309:1559-1563(2005).

