

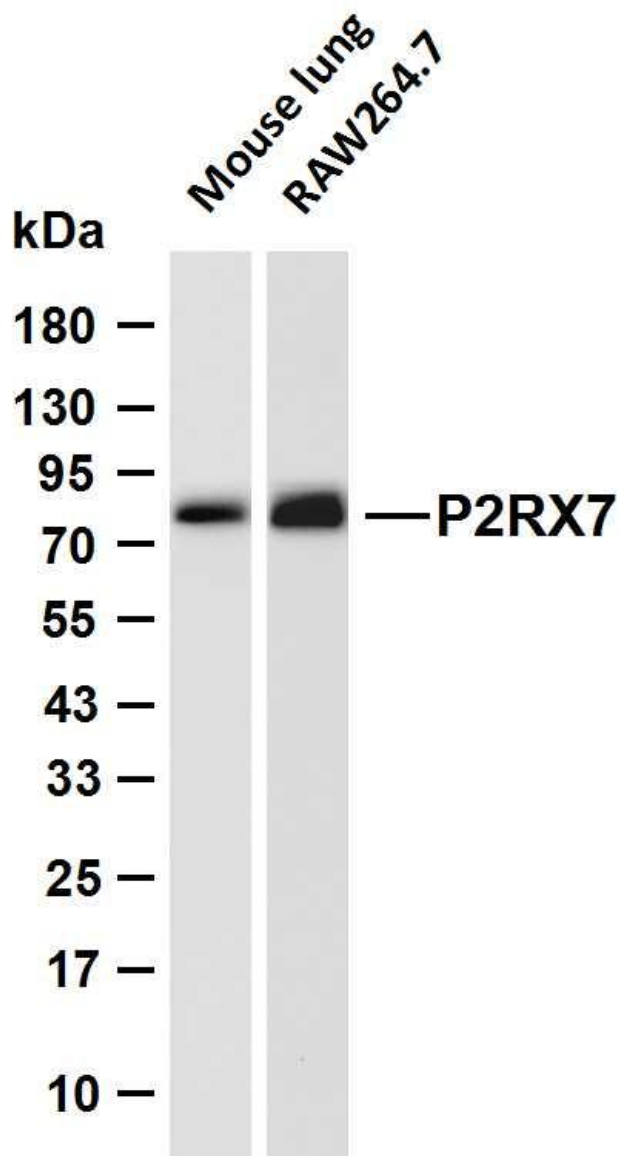


# P2RX7 (PT1754R) Rabbit mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-rAb-18553                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | WB、IHC、IF、ELISA                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   | P2RX7                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | The specific immunogen used to produce this antibody is proprietary information.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | Endogenous                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Formulation</b>                 | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>                      | Monoclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>                | Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>                    | IHC 1:200-1:1000; WB 1:500-1:2000; IF 1:200-1:1000; ELISA 1:5000-1:20000<br>Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#YS0004)                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>           | -15°C to -25°C/1 year(Do not lower than -25°C)                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | P2RX7;P2X purinoceptor 7 (P2X7) (ATP receptor) (P2Z receptor) (Purinergic receptor);P2X purinoceptor 7 ; P2X7 ; ATP receptor ; P2Z receptor ; Purinergic receptor ;                                                                                                                                                                                                                                                                |
| <b>Observed Band</b>               | 80kD                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Calculated Molecular Weight</b> | 69kD                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>          | Widely expressed with highest levels in brain and immune tissues.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>                    | Receptor for ATP that acts as a ligand-gated ion channel. Responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells. In the absence of its natural ligand , ATP , functions as a scavenger receptor in the recognition and engulfment of apoptotic cells . |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>matters needing attention</b>   | 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**

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-P2RX7 (PT1754R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: Mouse lung

Lane 2: RAW264.7

Predicted band size: 69kDa

Observed band size: 80kDa