

# P2RX3 Rabbit pAb

Catalog No.: A10232

## Basic Information

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**Catalog No.**

A10232

**Observed MW**

44kDa

**Calculated MW**

44kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Rat

## Recommended Dilutions

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**WB** 1:1000 - 1:2000

## Background

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The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and may transduce ATP-evoked nociceptor activation. Mouse studies suggest that this receptor is important for peripheral pain responses, and also participates in pathways controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage.

## Immunogen Information

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**Gene ID**

5024

**Swiss Prot**

P56373

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 44-317 of human P2RX3 (NP\_002550.2).

**Synonyms**

P2RX3;P2X3

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

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**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

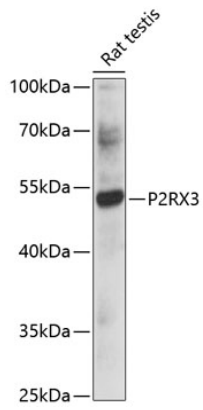
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of rat testis, using P2RX3 antibody (A10232) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.