

## P2RX3

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**Reactivity:**Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**44kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human P2RX3

**Storage Buffer:**

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

**Synonym:**

P2X3;

**Catalog #:**A10232

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5024

**Isotype:**IgG

**Swiss Prot:**P56373

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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