



# P2RX4 Polyclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | BYab-05895  |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Rat;Mouse   |
| <b>Applications</b>       | WB;ELISA  |
| <b>Gene Name</b>          | P2RX4   |
| <b>Protein Name</b>       | P2X purinoceptor 4 (P2X4) (ATP receptor) (Purinergic receptor)  |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 150-230   |
| <b>Specificity</b>        | P2RX4 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           |   |
| <b>Observed Band</b>      | 42kD  |
| <b>Cell Pathway</b>       | Membrane ; Multi-pass membrane protein .  |
| <b>Tissue Specificity</b> | Blood,Brain,Kidney,Liver,   |
| <b>Function</b>           | function:Receptor for ATP that acts as a ligand gated ion channel. This receptor is insensitive to the antagonists PPADS and suramin.,online information:P2X receptor entry,similarity:Belongs to the P2X receptor family.,subunit:Homo- or heteropolymers.,  |
| <b>Background</b>         | The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with high calcium permeability. The main pharmacological distinction between the members of the purinoceptor family is the relative sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest sensitivity for these antagonists. Multiple alternatively spliced transcript variants, some protein-coding and some not protein-coding, have been found for this gene. [provided by RefSeq, Feb 2012], |

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**matters needing attention**

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**

