

OriGene Technologies, Inc.

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Product datasheet for TA338779

P2RX4 Rabbit Polyclonal Antibody

Product data:

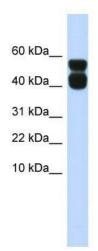
| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| lsotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-P2RX4 antibody: synthetic peptide directed towards the N terminal of human P2RX4. Synthetic peptide located within the following region: VQLLILAYVIGWVFVWEKGYQETDSVVSSVTTKVKGVAVTNTSKLGFRIW |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. |
| Concentration: | lot specific |
| Purification: | Protein A purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 43 kDa |
| Gene Name: | purinergic receptor P2X 4 |
| Database Link: | <u>NP_002551</u> <u>Entrez Gene 5025 Human</u> <u>Q99571</u> |



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| | P2RX4 Rabbit Polyclonal Antibody – TA338779 |
|-------------------|--|
| Background: | 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] |
| Synonyms: | P2X4; P2X4R |
| Note: | lmmunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Bovine: 86%; Zebrafish: 86%; Guinea pig: 86% |
| Protein Families: | Druggable Genome, Ion Channels: ATP Receptors, Transmembrane |
| Protein Pathway | s: Calcium signaling pathway, Neuroactive ligand-receptor interaction |

Product images:



WB Suggested Anti-P2RX4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Muscle

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