

Product datasheet for TA338776

P2X2 (P2RX2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-P2RX2 antibody: synthetic peptide directed towards the middle

region of human P2RX2. Synthetic peptide located within the following region:

IRIDVIVHGQAGKFSLIPTIINLATALTSVGVVRNPLWGPSGCGGSTRPL

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: 54 kDa

Gene Name: purinergic receptor P2X 2

Database Link: NP 733783

Entrez Gene 22953 Human

Q9UBL9

Background: The product of this gene belongs to the family of purinoceptors for ATP. This receptor

functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding

distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]

Synonyms: DFNA41; P2X2



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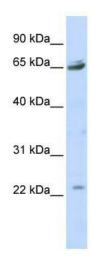
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Zebrafish: 85%

Protein Families: Druggable Genome, Ion Channels: ATP Receptors, Transmembrane **Protein Pathways:**

Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:



WB Suggested Anti-P2RX2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:

293T cell lysate