

## Product datasheet for **TA338577**

### **P2X2 (P2RX2) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB, IHC
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-P2RX2 antibody: synthetic peptide directed towards the middle region of human P2RX2. Synthetic peptide located within the following region: LIKNSIHYPKFHFSKGNADRTDGYLKRCTFHEASDLYCPIFKLGFIVEK
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	42 kDa
<b>Gene Name:</b>	purinergic receptor P2X 2
<b>Database Link:</b>	<a href="#">NP_777361</a> <a href="#">Entrez Gene 22953 Human</a> <a href="#">Q9UBL9</a>
<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. 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]
<b>Synonyms:</b>	DFNA41; P2X2



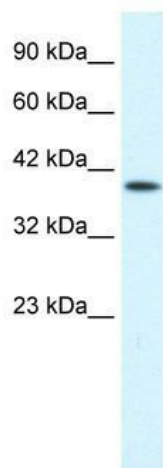
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**Note:** Immunogen Sequence Homology: Human: 100%; Rat: 91%; Mouse: 91%; Pig: 85%; Rabbit: 85%; Guinea pig: 85%; Dog: 77%; Horse: 77%; Bovine: 77%

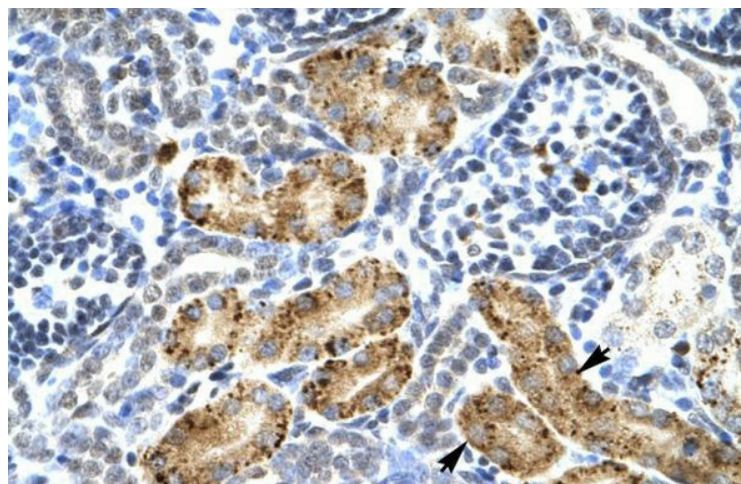
**Protein Families:** Druggable Genome, Ion Channels: ATP Receptors, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction

**Product images:**



WB Suggested Anti-P2RX2 Antibody Titration: 0.6 ug/ml; ELISA Titer: 1:62500; Positive Control: Jurkat cell lysate



Human kidney