

## Product datasheet for **TA329001**

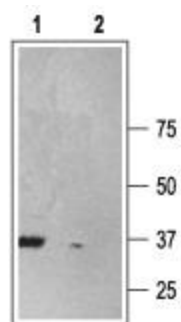
### P2rx6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:200-1:2000; IHC: 1:100-1:3,000; FC: 1:50-1:600
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide (C)RTKYEEARAPKATTNSA, corresponding to amino acid residues 363-379 of rat P2X6 Receptor?. Intracellular, C-terminus.
Formulation:	Lyophilized. Concentration before lyophilization ~0.8mg/ml (lot dependent, please refer to CoA along with shipment for actual concentration). Buffer before lyophilization: Phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.05% NaN3.
Reconstitution Method:	Add 50 ul double distilled water (DDW) to the lyophilized powder.
Purification:	Affinity purified on immobilized antigen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	purinergic receptor P2X 6
Database Link:	<a href="#">NP_036853</a> <a href="#">Entrez Gene 9127 Human</a> <a href="#">Entrez Gene 18440 Mouse</a> <a href="#">Entrez Gene 25041 Rat</a> <a href="#">P51579</a>
Background:	The P2X receptors belong to the ligand-gated ion channel family and are activated by extracellular ATP. P2X receptors are involved in synaptic communication and in diseases of the nervous system. The P2X receptors family consist of at least seven isoforms: P2X1-P2X7. All P2X subunits can assemble to form homomeric or heteromeric functional channels with the exception of P2X6, which only seems to function as part of a heteromeric complex. The P2X6 receptor assembles to a heteromultimer with two other P2X subunits, P2X2 and P2X4. The P2X6 receptor is extensively expressed throughout the central nervous system.
Synonyms:	MGC129625; P2RXL1; P2X6; P2XM



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**Product images:**

Western blot analysis of rat brain membranes: 1. Anti-P2X6 Receptor antibody, (1:200). 2. Anti-P2X6 Receptor antibody, preincubated with the control peptide antigen.