

Product datasheet for **TA338553**

P2X6 (P2RX6) 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-P2RXL1 antibody: synthetic peptide directed towards the N terminal of human P2RXL1. Synthetic peptide located within the following region: NWRVGALQRLLQFGIVVYVVGWALLAKKGYQERDLEPQFSIITKLKGVSV
Formulation:	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>
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:	49 kDa
Gene Name:	purinergic receptor P2X 6
Database Link:	NP_005437 Entrez Gene 9127 Human O15547



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Background: The protein encoded by this gene belongs to the family of P2X receptors, which are ATP-gated ion channels and mediate rapid and selective permeability to cations. This gene is predominantly expressed in skeletal muscle, and regulated by p53. The encoded protein is associated with VE-cadherin at the adherens junctions of human umbilical vein endothelial cells. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 22, has been identified. [provided by RefSeq, Apr 2009]

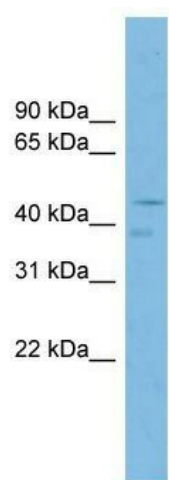
Synonyms: P2RXL1; P2X6; P2XM

Note: Immunogen Sequence Homology: Human: 100%; Dog: 79%; Mouse: 79%; Rabbit: 79%; Pig: 77%; Rat: 77%; Horse: 77%; Bovine: 77%; Guinea pig: 77%

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

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

Product images:



WB Suggested Anti-P2RXL1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: ACHN cell lysate