

# **Product datasheet for TA338554**

### 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:

ERDLEPQFSIITKLKGVSVTQIKELGNRLWDVADFVKPPQGENVFFLVTN

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: 47 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]

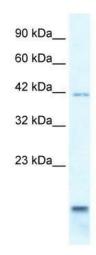
Synonyms: P2RXL1; P2X6; P2XM

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

100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Mouse: 93%

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: HepG2 cell lysate