

**P2RX6 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17114c**

**Specification**

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**P2RX6 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O15547](#)

**P2RX6 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 9127

**Other Names**

P2X purinoceptor 6, P2X6, ATP receptor, P2XM, Purinergic receptor, Purinergic receptor P2X-like 1, P2RX6, P2RXL1, P2X6

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**P2RX6 Antibody (Center) Blocking Peptide - Protein Information**

**Name** P2RX6

**Synonyms** P2RXL1, P2X6

**Function**

Receptor for ATP that acts as a ligand-gated ion channel.

**Cellular Location**

Membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed predominantly in skeletal muscle.

**P2RX6 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**P2RX6 Antibody (Center) Blocking Peptide - Images****P2RX6 Antibody (Center) Blocking Peptide - 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.

**P2RX6 Antibody (Center) Blocking Peptide - References**

Trynka, G., et al. Gut 58(8):1078-1083(2009) Luke, M.M., et al. Stroke 40(2):363-368(2009) Palomino-Doza, J., et al. Hypertension 52(5):980-985(2008) Shiffman, D., et al. Arterioscler. Thromb. Vasc. Biol. 28(1):173-179(2008) Dubyak, G.R. Mol. Pharmacol. 72(6):1402-1405(2007)