

TRPM3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9707a**Specification**

TRPM3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9HCF6](#)**TRPM3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 80036**Other Names**

Transient receptor potential cation channel subfamily M member 3, Long transient receptor potential channel 3, LTrpC-3, LTrpC3, Melastatin-2, MLSN2, TRPM3, KIAA1616, LTRPC3

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.

TRPM3 Antibody (N-term) Blocking Peptide - Protein Information**Name** TRPM3**Synonyms** KIAA1616, LTRPC3**Function**

Calcium channel mediating constitutive calcium ion entry. Its activity is increased by reduction in extracellular osmolarity, by store depletion and muscarinic receptor activation. In addition, forms heteromultimeric ion channels with TRPM1 which are permeable for calcium and zinc ions (PubMed:21278253).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed primarily in the kidney and, at lower levels, in brain, testis, ovary, pancreas and spinal cord. Expression in the brain and kidney was determined at protein level. In the kidney, expressed predominantly in the collecting tubular epithelium in the medulla, medullary rays, and periglomerular regions; in the brain, highest levels are found in the cerebellum, choroid plexus, the locus coeruleus, the posterior thalamus and the substantia nigra. Down-regulated in renal tumors compared to normal kidney. Expressed in the lens (PubMed:25090642).

TRPM3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRPM3 Antibody (N-term) Blocking Peptide - Images**TRPM3 Antibody (N-term) Blocking Peptide - Background**

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TRPM3 Antibody (N-term) Blocking Peptide - References

Nagase T., et.al., DNA Res. 7:273-281(2000). Lee N., Chen J., et.al., J. Biol. Chem. 278:20890-20897(2003).