

TRPC7 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16864b**Specification**

TRPC7 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9HCX4](#)

TRPC7 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57113

Other Names

Short transient receptor potential channel 7, TrpC7, Transient receptor protein 7, TRP-7, hTRP7, TRPC7, TRP7

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.

TRPC7 Antibody (C-term) Blocking Peptide - Protein Information

Name TRPC7

Synonyms TRP7

Function

Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G- protein coupled receptors. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.

Cellular Location

Cell membrane; Multi-pass membrane protein. Nucleus envelope

TRPC7 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRPC7 Antibody (C-term) Blocking Peptide - Images**TRPC7 Antibody (C-term) Blocking Peptide - Background**

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TRPC7 Antibody (C-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Miyagi, K., et al. J. Biol. Chem. 284(49):34400-34412(2009)Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009) :Abed, E., et al. Cell Prolif. 40(6):849-865(2007)Numaga, T., et al. Handb Exp Pharmacol 179, 143-151 (2007) :