

TRAPPC4 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP1457a**Specification**

TRAPPC4 Blocking Peptide (N-term) - Product InformationPrimary Accession [Q9Y296](#)**TRAPPC4 Blocking Peptide (N-term) - Additional Information****Gene ID** 51399**Other Names**

Trafficking protein particle complex subunit 4, Hematopoietic stem/progenitor cell protein 172, Synbindin, TRS23 homolog, TRAPPC4, SBDN

Target/Specificity

The synthetic peptide sequence is selected from aa 69-84 of HUMAN TRAPPC4

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.

TRAPPC4 Blocking Peptide (N-term) - Protein Information**Name** TRAPPC4 ([HGNC:19943](#))**Function**

Core component of the TRAPP complexes which has a function of guanine nucleotide exchange factor activity for Rab1 GTPase (Probable). Plays a role in vesicular transport from endoplasmic reticulum to Golgi and autophagy (PubMed:31794024). May play a role in dendrite postsynaptic membrane trafficking (By similarity).

Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q9ES56}. Golgi apparatus membrane {ECO:0000250|UniProtKB:Q9ES56}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q9ES56}. Vesicle {ECO:0000250|UniProtKB:Q9ES56} Note=Associated with postsynaptic membranes and in intracellular cisterns and vesicles (Golgi). {ECO:0000250|UniProtKB:Q9ES56}

TRAPPC4 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

TRAPPC4 Blocking Peptide (N-term) - Images

TRAPPC4 Blocking Peptide (N-term) - Background

TRAPPC4 is part of the multisubunit TRAPP (transport protein particle) complex and interacts with SDC2. It may play a role in vesicular transport from endoplasmic reticulum to Golgi. TRAPP proteins are involved in tethering during vesicle transport.

TRAPPC4 Blocking Peptide (N-term) - References

Gavin,A.C., Nature 415 (6868), 141-147 (2002)
Ethell,I.M., J. Cell Biol. 151 (1), 53-68 (2000)