

CYTH4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16507b**Specification**

CYTH4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9UIA0](#)

CYTH4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 27128

Other Names

Cytohesin-4, PH, SEC7 and coiled-coil domain-containing protein 4, CYTH4, CYT4, PSCD4

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.

CYTH4 Antibody (C-term) Blocking Peptide - Protein Information

Name CYTH4

Synonyms CYT4, PSCD4

Function

Promotes guanine-nucleotide exchange on ARF1 and ARF5. Promotes the activation of ARF factors through replacement of GDP with GTP.

Cellular Location

Cell membrane; Peripheral membrane protein

Tissue Location

Expressed predominantly in peripheral blood leukocytes.

CYTH4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CYTH4 Antibody (C-term) Blocking Peptide - Images**CYTH4 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The encoded protein exhibits GEP activity *in vitro* with both ARF1 and ARF5 but is inactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq].

CYTH4 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Morishige, M., et al. Nat. Cell Biol. 10(1):85-92(2008) ; Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004) ; Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004) ; Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) ;