

TLCD1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16573b**Specification**

TLCD1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q96CP7](#)

TLCD1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 116238

Other Names

Calfacilitin, TLC domain-containing protein 1, TLCD1

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.

TLCD1 Antibody (C-term) Blocking Peptide - Protein Information

Name TLCD1

Function

Regulates the composition and fluidity of the plasma membrane (PubMed:30509349). Inhibits the incorporation of membrane-fluidizing phospholipids containing omega-3 long-chain polyunsaturated fatty acids (LCPUFA) and thereby promotes membrane rigidity (PubMed:30509349). Does not appear to have any effect on LCPUFA synthesis (PubMed:30509349).

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:F1NZP5}

TLCD1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TLCD1 Antibody (C-term) Blocking Peptide - Images

TLCD1 Antibody (C-term) Blocking Peptide - References

Winter, E., et al. Trends Biochem. Sci. 27(8):381-383(2002)