

**TLCD2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12362b****Specification**

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**TLCD2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [A6NGC4](#)  
Other Accession [XP\\_001717074.2](#), [NP\\_001157879.1](#),  
[XP\\_001718182.2](#)

**TLCD2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 727910

**Other Names**

TLC domain-containing protein 2, TLCD2

**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.

**TLCD2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** TLCD2

**Function**

Regulates the composition and fluidity of the plasma membrane (PubMed:<a href="http://www.uniprot.org/citations/30509349" target="\_blank">30509349</a>). Inhibits the incorporation of membrane-fluidizing phospholipids containing omega-3 long-chain polyunsaturated fatty acids (LCPUFA) and thereby promotes membrane rigidity (PubMed:<a href="http://www.uniprot.org/citations/30509349" target="\_blank">30509349</a>). Does not appear to have any effect on LCPUFA synthesis (PubMed:<a href="http://www.uniprot.org/citations/30509349" target="\_blank">30509349</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**TLCD2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TLCD2 Antibody (C-term) Blocking peptide - Images****TLCD2 Antibody (C-term) Blocking peptide - References**

Pewzner-Jung, Y., et al. J. Biol. Chem. 281(35):25001-25005(2006) Zody, M.C., et al. Nature 440(7087):1045-1049(2006)