

ZDHHC6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14848b**Specification**

ZDHHC6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O9H6R6](#)
Other Accession [NP_071939.1](#)

ZDHHC6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 64429

Other Names

Palmitoyltransferase ZDHHC6, Transmembrane protein H4, Zinc finger DHHC domain-containing protein 6, DHHC-6, Zinc finger protein 376, ZDHHC6, ZNF376

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.

ZDHHC6 Antibody (C-term) Blocking Peptide - Protein Information

Name ZDHHC6 ([HGNC:19160](#))

Function

Endoplasmic reticulum palmitoyl acyltransferase that mediates palmitoylation of proteins such as AMFR, CALX, ITPR1 and TFRC (PubMed: [22314232](http://www.uniprot.org/citations/22314232), PubMed: [22728137](http://www.uniprot.org/citations/22728137), PubMed: [25368151](http://www.uniprot.org/citations/25368151), PubMed: [28826475](http://www.uniprot.org/citations/28826475)). Palmitoylates calnexin (CALX), which is required for its association with the ribosome-translocon complex and efficient folding of glycosylated proteins (PubMed: [22314232](http://www.uniprot.org/citations/22314232)). Mediates palmitoylation of AMFR, promoting AMFR distribution to the peripheral endoplasmic reticulum (PubMed: [22728137](http://www.uniprot.org/citations/22728137)). Together with SELENOK, palmitoylates ITPR1 in immune cells, leading to regulate ITPR1 stability and function (PubMed: [25368151](http://www.uniprot.org/citations/25368151)). Stearoyltransferase that mediates stearoylation of TFRC to inhibit TFRC-mediated activation of the JNK pathway and mitochondrial fragmentation (PubMed: [26214738](http://www.uniprot.org/citations/26214738)).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=When not palmitoylated, accumulates to dot-like structures in the endoplasmic reticulum (PubMed:28826475)

ZDHHC6 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZDHHC6 Antibody (C-term) Blocking Peptide - Images**ZDHHC6 Antibody (C-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Yang, W., et al. Mol. Cell Proteomics 9(1):54-70(2010)