

**ZDH16 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14199b****Specification**

---

**ZDH16 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q969W1](#)**ZDH16 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 84287**Other Names**

Probable palmitoyltransferase ZDHHC16, Zinc finger DHHC domain-containing protein 16, DHHC-16, ZDHHC16

**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.

**ZDH16 Antibody (C-term) Blocking Peptide - Protein Information****Name** ZDHHC16 ([HGNC:20714](#))**Function**

Palmitoyl acyltransferase that mediates palmitoylation of proteins such as PLN and ZDHHC6 (PubMed:<a href="http://www.uniprot.org/citations/28826475" target="\_blank">28826475</a>). Required during embryonic heart development and cardiac function, possibly by mediating palmitoylation of PLN, thereby affecting PLN phosphorylation and homooligomerization (By similarity). Also required for eye development (By similarity). Palmitoylates ZDHHC6, affecting the quaternary assembly of ZDHHC6, its localization, stability and function (PubMed:<a href="http://www.uniprot.org/citations/28826475" target="\_blank">28826475</a>). May play a role in DNA damage response (By similarity). May be involved in apoptosis regulation (By similarity). Involved in the proliferation of neural stem cells by regulating the FGF/ERK pathway (By similarity).

**Cellular Location**Endoplasmic reticulum membrane; Multi-pass membrane protein  
{ECO:0000250|UniProtKB:Q9ESG8}**Tissue Location**

Widely expressed..

**ZDH16 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ZDH16 Antibody (C-term) Blocking Peptide - Images****ZDH16 Antibody (C-term) Blocking Peptide - Background**

ZDH16 may be involved in apoptosis regulation (By similarity).

**ZDH16 Antibody (C-term) Blocking Peptide - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007)Zhang, F., et al. Biochim. Biophys. Acta 1759 (11-12), 514-525 (2006) :Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)Deloukas, P., et al. Nature 429(6990):375-381(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)