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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:28826475). 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:28826475). 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..

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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)