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ZDH16 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14199B

Specification

ZDH16 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q969W1
Other Accession	Q9ESG8, Q4R7E2, NP_932163.1, NP_932162.1
Reactivity	**Human**
Predicted	**Monkey, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43633**
Antigen Region	**286-314**

ZDH16 Antibody (C-term) - Additional Information

Gene ID 84287

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

Target/Specificity
This ZDH16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-314 amino acids from the C-terminal region of human ZDH16.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ZDH16 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZDH16 Antibody (C-term) - 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}

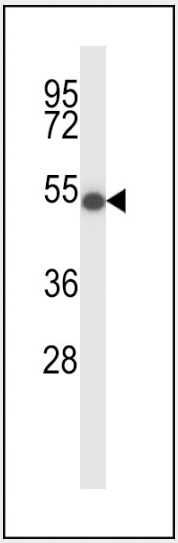
Tissue Location
Widely expressed..

ZDH16 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZDH16 Antibody (C-term) - Images



ZDH16 Antibody (C-term) (Cat. #AP14199b) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the ZDH16 antibody detected the ZDH16 protein (arrow).

ZDH16 Antibody (C-term) - Background

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

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Zhang, F., et al. Biochim. Biophys. Acta 1759 (11-12), 514-525 (2006) :
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Deloukas, P., et al. Nature 429(6990):375-381(2004)
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