

ZDHHC6 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14848B

Specification

ZDHHC6 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H6R6
Other Accession	O9CPV7 , O2HJ95 , NP_071939.1
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47663
Antigen Region	288-317

ZDHHC6 Antibody (C-term) - 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

Target/Specificity

This ZDHHC6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-317 amino acids from the C-terminal region of human ZDHHC6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

ZDHHC6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZDHHC6 Antibody (C-term) - 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](#), PubMed:[22728137](#), PubMed:[25368151](#), PubMed:[28826475](#)). Palmitoylates calnexin (CALX), which is required for its association with the ribosome-translocon complex and efficient folding of glycosylated proteins (PubMed:[22314232](#)). Mediates palmitoylation of AMFR, promoting AMFR distribution to the peripheral endoplasmic reticulum (PubMed:[22728137](#)). Together with SELENOK, palmitoylates ITPR1 in immune cells, leading to regulate ITPR1 stability and function (PubMed:[25368151](#)). Stearoyltransferase that mediates stearoylation of TFRC to inhibit TFRC-mediated activation of the JNK pathway and mitochondrial fragmentation (PubMed:[26214738](#)).

Cellular Location

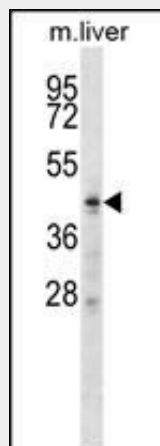
Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=When not palmitoylated, accumulates to dot-like structures in the endoplasmic reticulum (PubMed:[28826475](#))

ZDHHC6 Antibody (C-term) - Protocols

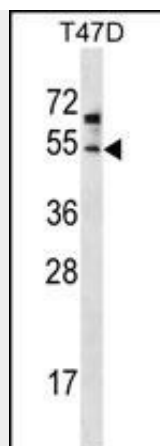
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZDHHC6 Antibody (C-term) - Images



ZDHHC6 Antibody (C-term) (Cat. #AP14848b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the ZDHHC6 antibody detected the ZDHHC6 protein (arrow).



ZDHHC6 Antibody (C-term) (Cat. #AP14848b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the ZDHHC6 antibody detected the ZDHHC6 protein (arrow).

ZDHHC6 Antibody (C-term) - 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)