10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZDHHC6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14848B

Specification

ZDHHC6 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9H6R6
Other Accession	Q9CPV7, Q2HJ95, 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

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).

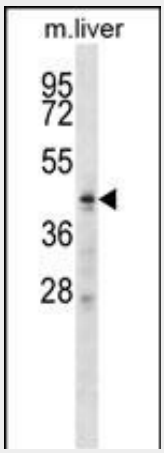
Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=When not palmitoylated, accumulates to dot-like structures in the endoplasmic reticulum (PubMed:28826475)

ZDHHC6 Antibody (C-term) - Protocols

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

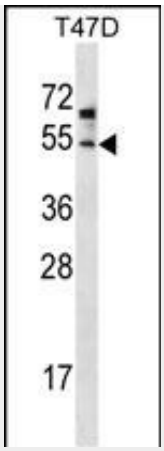
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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)