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ZDHHC6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14848B

Product Information

Application	WB, E
Primary Accession	Q9H6R6
Other Accession	Q9CPV7, Q2HJ95, NP_071939.1
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34921
Calculated MW	47663
Antigen Region	288-317

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 0.05% (V/V) Proclin 300. 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.

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).

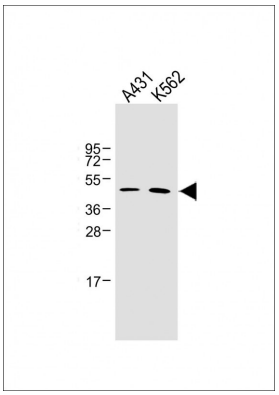
Cellular Location

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

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)

Images



All lanes : Anti-ZDHHC6 Antibody (C-term) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.