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ZDHHC6 Rabbit pAb

Catalog # AP97546

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H6R6
Other Accession	Q9H6R6
Reactivity	Rat, Human, Mouse
Predicted	Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47663
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZDHHC6
Epitope Specificity	221-320/413
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the DHHC palmitoyltransferase family. Contains 1 DHHC-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	64429
Other Names	ZDHC6_HUMAN; ZDHHC6; Stearoyltransferase ZDHHC6; Transmembrane protein H4; Zinc finger DHHC domain-containing protein 6 (DHHC-6); Zinc finger protein 376; 2.3.1.225; ZNF376; ZDHC6_MOUSE; zDHHC palmitoyltransferase 6; zinc finger DHHC-type containing 6; zinc finger DHHC-type palmitoyltransferase 6
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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)

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