

ZDHHC23 Rabbit pAb

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Catalog # AP57106

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IYP9
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45983
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZDHHC23
Epitope Specificity	1-100/409
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ZDHHC23 is a 409 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger and is thought to function as a palmitoyltransferase, catalyzing the transformation of palmitoyl-CoA and a cysteine-conjugated protein to an S-palmitoyl protein and free CoA. ZDHHC23 may play a role in NOS1 regulation and targets the synaptic membrane. By regulating the enzymatic activity of NOS1, ZDHHC23 may effect different pathological conditions including nerve regeneration, neuron loss or survival and pain processing.

Additional Information

Gene ID	254887
Other Names	Palmitoyltransferase ZDHHC23, 2.3.1.225, Zinc finger DHHC domain-containing protein 23 {ECO:0000312 HGNC:HGNC:28654}, DHHC-23, zDHHC23, ZDHHC23 (HGNC:28654)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	ZDHHC23 (HGNC:28654)
Function	Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates and be involved in a variety of cellular processes (Probable). Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane. May be involved in NOS1 regulation and targeting to the synaptic membrane.
Cellular Location	Golgi apparatus membrane; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein

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