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ZDHHC11/ZNF399 Rabbit pAb

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Catalog # AP57101

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H8X9
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45975
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZDHHC11/ZNF399
Epitope Specificity	301-400/412
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	ZDHHC11 is a 412 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 a S-palmitoyl protein and free CoA. ZDHHC11 may be a potential biomarker identifying high-risk patients with disease progression in bladder cancer. The gene encoding ZDHHC11 maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome.

Additional Information

Gene ID	79844
Other Names	Palmitoyltransferase ZDHHC11, ZDHHC11 (HGNC:19158)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	ZDHHC11 (HGNC:19158)
Function	Endoplasmic reticulum-localized palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates and be involved in a variety of cellular processes (By similarity). Has a palmitoyltransferase activity toward NCDN and regulates NCDN association with endosome membranes through this palmitoylation (By similarity). May play a role in cell proliferation (PubMed:28331227).
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed in testis..

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