

For Research Use Only

ZDHHC13 Polyclonal antibody

Catalog Number: 24759-1-AP **1 Publications**



Basic Information

Catalog Number: 24759-1-AP	GenBank Accession Number: BC056152	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54503	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	Full Name: zinc finger, DHHC-type containing 13	
Isotype: IgG	Calculated MW: 622 aa, 71 kDa	
Immunogen Catalog Number: AG21607	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : mouse kidney tissue, HEK-293 cells, mouse skin tissue, mouse testis tissue, Neuro-2a cells
Cited Applications: IF, WB	IHC : human stomach tissue, human testis tissue
Species Specificity: human, mouse	IF : HEK-293 cells,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Palmitoyltransferase ZDHHC13 also named as HIP14L or DHHC13 is a 622 amino acid protein, which contains one DHHC-type zinc finger and six ANK repeats. ZDHHC13 localizes in the Golgi apparatus membrane and belongs to the DHHC palmitoyltransferase family. ZDHHC13 is a palmitoyltransferase for HD and GAD2, meanwhile it mediates Mg²⁺ transportation. ZDHHC13 exists as three alternative splicing isoforms. The molecular weight of isoform 2 is 51 kDa, but we often detected a 45-50kDa protein by western blot.

Notable Publications

Author	Pubmed ID	Journal	Application
Thaddeus Mutugi Nthiga	33871553	J Cell Biol	IF, WB

Storage

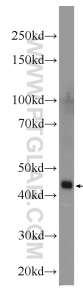
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

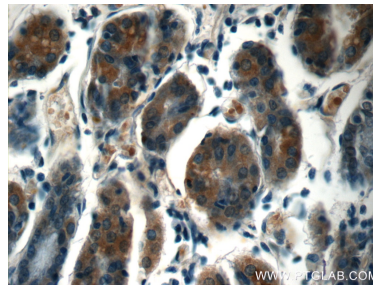
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

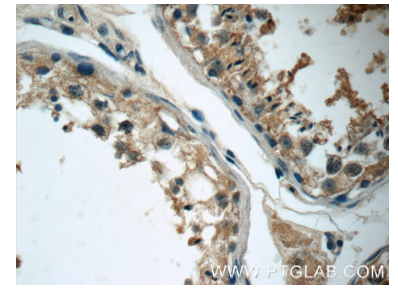
Selected Validation Data



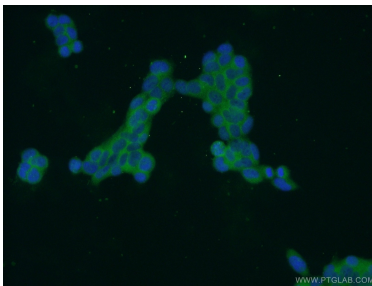
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 24759-1-AP (ZDHHC13 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 24759-1-AP (ZDHHC13 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24759-1-AP (ZDHHC13 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HEK-293 cells using 24759-1-AP (ZDHHC13 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).