

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 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54503	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8IUH4	IHC 1:50-1:500
Isotype: IgG	Full Name: zinc finger, DHHC-type containing 13	IF/ICC 1:20-1:200
Immunogen Catalog Number: AG21607	Calculated MW: 622 aa, 71 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IF	WB : mouse kidney tissue, HEK-293 cells, mouse skin tissue, mouse testis tissue, Neuro-2a cells
Species Specificity: human, mouse	IHC : human stomach tissue,
Cited Species: human	IF/ICC : HEK-293 cells,
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
Thaddeaus Mutugi Nthiga	33871553	J Cell Biol	IF, WB

Storage

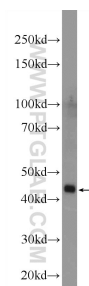
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

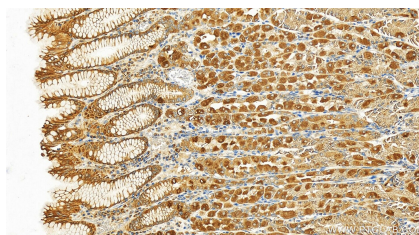
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

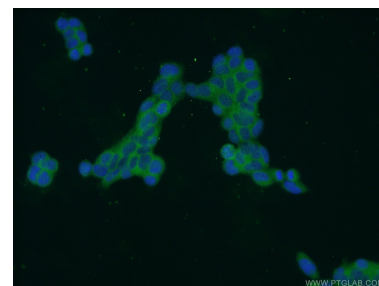
Selected Validation Data



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 normal stomach slide using 24759-1-AP (ZDHHC13 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).