

For Research Use Only

# ZDHHC13 Polyclonal antibody

Catalog Number: 24759-1-AP

1 Publications



## Basic Information

Catalog Number:

24759-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21607

GenBank Accession Number:

BC056152

GeneID (NCBI):

54503

UNIPROT ID:

Q8IUH4

Full Name:

zinc finger, DHHC-type containing 13

Calculated MW:

622 aa, 71 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

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**

Positive Controls:

WB : mouse kidney tissue, HEK-293 cells, mouse skin tissue, mouse testis tissue, Neuro-2a cells

IHC : human stomach tissue,

IF/ICC : HEK-293 cells,

## 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 Mg<sup>2+</sup> 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

For technical support and original validation data for this product please contact:

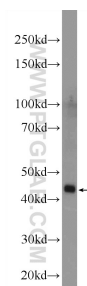
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

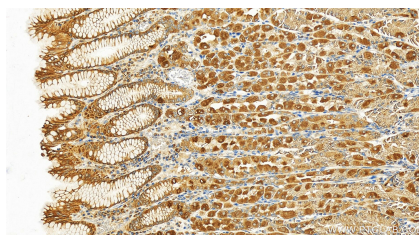
W: [ptgcn.com](http://ptgcn.com)

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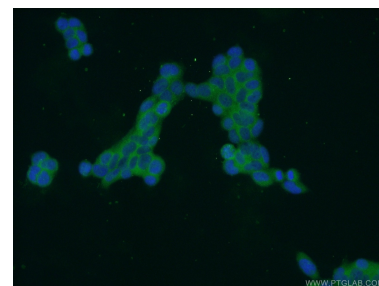
## Selected Validation Data



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).