

For Research Use Only

# ZDHHC13 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 24759-1-AP	<b>GenBank Accession Number:</b> BC056152	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 54503	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IUH4	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger, DHHC-type containing 13	
<b>Immunogen Catalog Number:</b> AG21607	<b>Calculated MW:</b> 622 aa, 71 kDa	
	<b>Observed MW:</b> 45-50 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, 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, human testis tissue

**IF :** 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
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

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

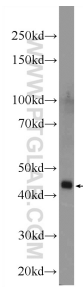
T: 4006900926

E: Proteintech-CN@ptglab.com

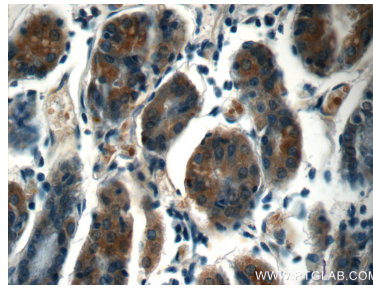
W: ptgcn.com

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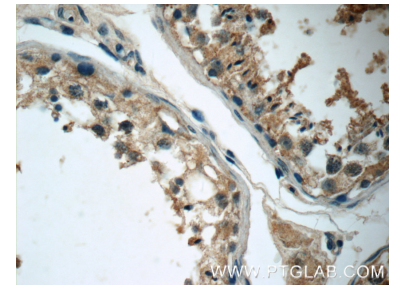
## Selected Validation Data



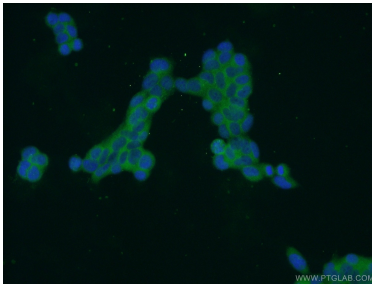
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 24759-1-AP (ZDHHC13 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human 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).