

For Research Use Only

ZDHHC5 Polyclonal antibody

Catalog Number: 21324-1-AP

Featured Product

19 Publications



Basic Information

Catalog Number:

21324-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14891

GenBank Accession Number:

BC026967

GeneID (NCBI):

25921

UNIPROT ID:

Q9C0B5

Full Name:

zinc finger, DHHC-type containing 5

Calculated MW:

715 aa, 78 kDa

Observed MW:

77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), IP, ELISA

Cited Applications:

WB, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse kidney tissue, HEK-293 cells, HeLa cells, mouse brain tissue

IP : HEK-293 cells,

IF/ICC : HeLa cells,

Background Information

The gene encoding zinc finger DHHC-type-containing (ZDHHC)5 is located in a region of chromosome 11q12.1 associated with a high rate of chromosomal translocation and variation, which has been linked to the development of various cancers. ZDHHC5 stimulates the proliferation and anchorage-dependent and -independent colony formation of non-small cell lung cancer cell lines, and was found to be required in a subset of these cells for establishment of tumor xenografts in mice. ZDHHC5 is highly expressed in a variety of embryonic cells including neural progenitor cells, but not in most adult tissues.

Notable Publications

Author	Pubmed ID	Journal	Application
Yinxia Li	34559357	Mol Neurobiol	WB, CoIP
Han Zhang	36309154	J Nutr Biochem	WB
Shaymaa Mohamed Mohamed Badawy	29185452	Sci Rep	WB, IF, IP

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:

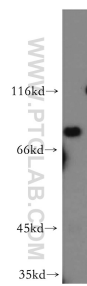
T: 4006900926

E: Proteintech-CN@ptglab.com

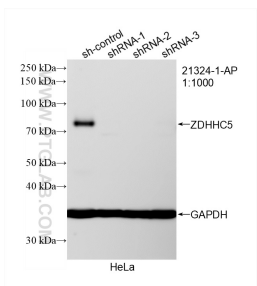
W: ptgcn.com

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

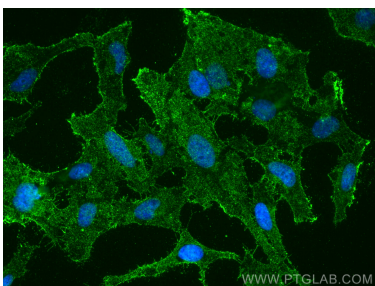
Selected Validation Data



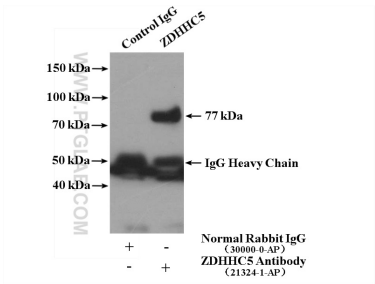
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 21324-1-AP (ZDHHC5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



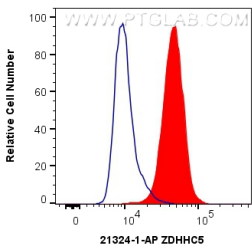
WB result of ZDHHC5 antibody (21324-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZDHHC5 transfected HeLa cells.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ZDHHC5 antibody (21324-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-ZDHHC5 (IP:21324-1-AP, 4ug; Detection:21324-1-AP 1:500) with HEK-293 cells lysate 1680 ug.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human ZDHHC5 (21324-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).