

For Research Use Only

ZNF451 Polyclonal antibody

Catalog Number: 25228-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

25228-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18346

GenBank Accession Number:

BC021712

GeneID (NCBI):

26036

UNIPROT ID:

Q9Y4E5

Full Name:

zinc finger protein 451

Calculated MW:

1061 aa, 121 kDa

Observed MW:

121 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

IHC : human placenta tissue,

IF/ICC : HeLa cells,

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

Notable Publications

Author	Pubmed ID	Journal	Application
Hong Peng	38600524	Respir Res	WB
Carlos F De La Cruz-Herrera	37410772	PLoS Pathog	WB
Yu Zhang	37342906	Cell Rep	WB,IHC,IF

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

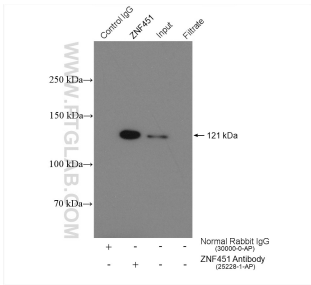
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

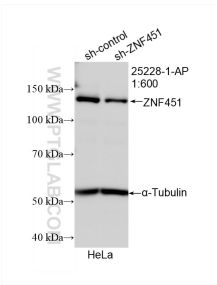
E: proteintech@ptglab.com
W: ptglab.com

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

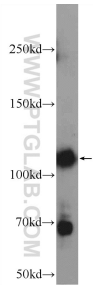
Selected Validation Data



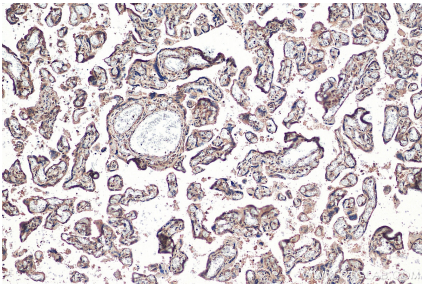
IP result of anti-ZNF451 (IP:25228-1-AP, 4ug; Detection:25228-1-AP 1:300) with HeLa cells lysate 1080 ug.



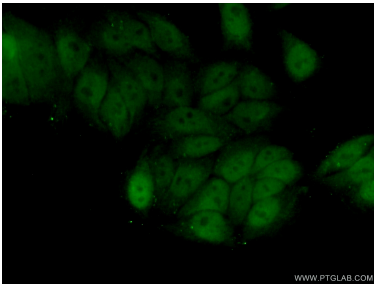
WB result of ZNF451 antibody (25228-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZNF451 transfected HeLa cells.



HeLa cells were subjected to SDS PAGE followed by western blot with 25228-1-AP (ZNF451 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25228-1-AP (ZNF451 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 25228-1-AP (ZNF451 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).