

For Research Use Only

ZMYND8 Polyclonal antibody

Catalog Number: 11633-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

11633-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2207

GenBank Accession Number:

BC030721

GeneID (NCBI):

23613

UNIPROT ID:

Q9ULU4

Full Name:

zinc finger, MYND-type containing 8

Calculated MW:

1186 aa, 132 kDa

Observed MW:

150 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

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human

Cited Species:

human, mouse

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 : MCF-7 cells, HeLa cells

IP : HeLa cells,

IHC : human lung cancer tissue,

Background Information

Regulation of neuronal gene expression is essential to nervous system development. REST (RE1-silencing transcription factor) regulates neuronal gene expression by interacting with a group of corepressor proteins including REST corepressors (RCOR). ZMYND8 bind to RCOR2 and can function as transcriptional repressors. It is co-expressed with RCOR2 in the nervous system and overexpression of ZMYND8 inhibits neural differentiation. [PMID:20331974]

Notable Publications

Author	Pubmed ID	Journal	Application
Xi Jin	32393270	Mol Cancer	WB
Xi Jin	30854423	Sci Adv	WB,IHC,IF
Qiang Pan	33932349	Mol Cell	

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

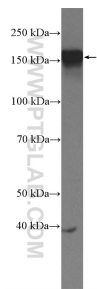
For technical support and original validation data for this product please contact:

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

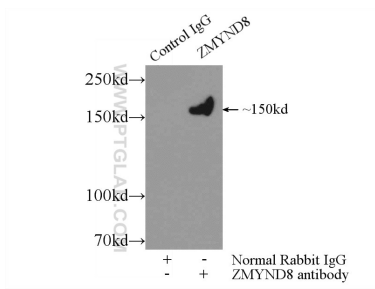
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W: ptglab.com

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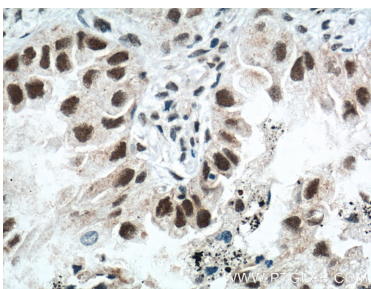
Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 11633-1-AP (ZMYND8 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



IP result of anti-ZMYND8 (IP:11633-1-AP, 3ug; Detection:11633-1-AP 1:300) with HeLa cells lysate 920ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11633-1-AP (ZMYND8 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).