

For Research Use Only

TDRD3 Polyclonal antibody

Catalog Number:13359-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 13359-1-AP	GenBank Accession Number: BC030514	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 81550	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9H7E2	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: tudor domain containing 3	IHC 1:50-1:500
Immunogen Catalog Number: AG4174	Calculated MW: 651 aa, 73 kDa	IF/ICC 1:10-1:100
	Observed MW: 73 kDa, 83 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IP, ELISA	Positive Controls: WB : HEK-293 cells, IP : HeLa cells, IHC : mouse brain tissue, IF/ICC : HeLa cells,
Cited Applications: WB, ChIP	
Species Specificity: human, mouse, rat	
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	

Background Information

TDRD3 (Tudor domain-containing protein 3) contains tudor domain which is an approximately 60-amino acid structure motif. TDRD3 functions as a scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. TDRD3 is a transcriptional coactivator that promotes transcription by binding methylarginine marks on histone tails. TDRD3 also possesses an oligosaccharide/nucleotide binding fold and an ubiquitin associated domain capable of binding tetra-ubiquitin, and it is reported to associate with polyribosomes in HeLa cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Bing-Ling Peng	32206101	Theranostics	ChIP
Mengtong Qin	39097054	Int J Biol Macromol	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:

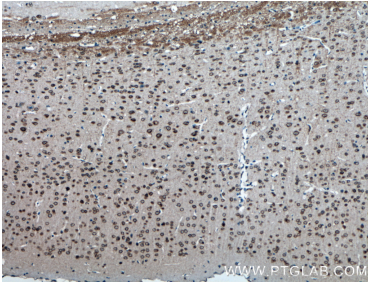
T: 4006900926

E: Proteintech-CN@ptglab.com

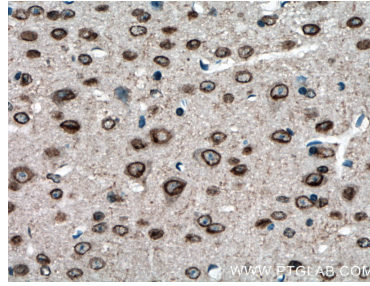
W: ptgcn.com

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

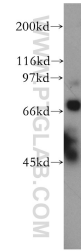
Selected Validation Data



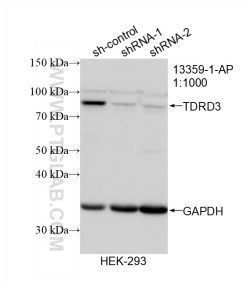
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13359-1-AP (TDRD3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



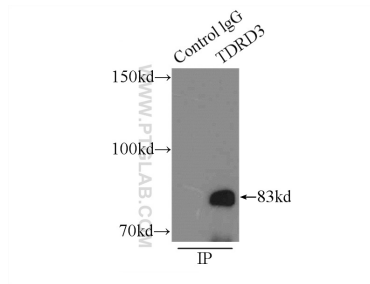
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13359-1-AP (TDRD3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



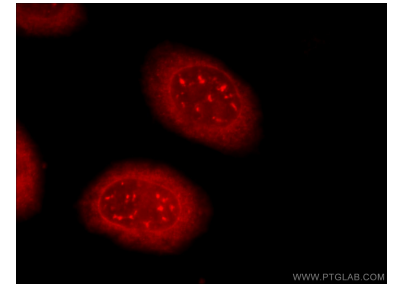
HEK-293 cells were subjected to SDS PAGE followed by western blot with 13359-1-AP (TDRD3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



WB result of TDRD3 antibody (13359-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TDRD3 transfected HEK-293 cells.



IP result of anti-TDRD3 (IP:13359-1-AP, 3ug; Detection:13359-1-AP 1:1000) with HeLa cells lysate 3800ug.



Immunofluorescent analysis of HeLa cells using 13359-1-AP (TDRD3 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.