

For Research Use Only

ZC3H18 Polyclonal antibody

Catalog Number: 25807-1-AP



Basic Information

Catalog Number: 25807-1-AP	GenBank Accession Number: BC050463	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 124245	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: zinc finger CCCH-type containing 18	
Isotype: IgG	Calculated MW: 953 aa, 106 kDa	
Immunogen Catalog Number: AG20481	Observed MW: 150 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, IHC : human tonsillitis tissue, human cervical cancer tissue
Species Specificity: 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

ZC3H18, also named as NHN1, has two CCCH zinc finger domains. It is not essential in bloodstream forms, but in an in vitro model of differentiation. ZC3H18 recruits the TREX protein for SEP1-mediated mRNA export. The gene ZC3H18 has some isoforms with calculated MW 160 kDa and 84 kDa. With phospho modification, the MW of ZC3H18 is about 150 kDa in WB detection.

Storage

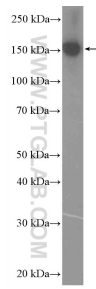
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

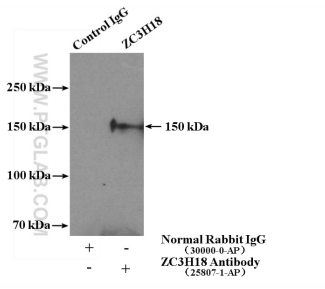
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

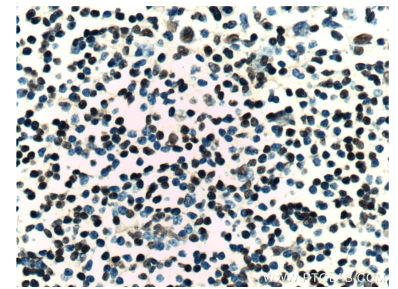
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 25807-1-AP (ZC3H18 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-ZC3H18 (IP:25807-1-AP, 4ug; Detection:25807-1-AP 1:600) with HeLa cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 25807-1-AP (ZC3H18 Antibody) at dilution of 1:200 (under 40x lens).