

ZC3H18 Polyclonal antibody

Catalog Number: 25807-1-AP

Basic Information

Catalog Number:

25807-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20481

GenBank Accession Number:

BC050463

GeneID (NCBI):

124245

UNIPROT ID:

Q86VM9

Full Name:

zinc finger CCCH-type containing 18

Calculated MW:

953 aa, 106 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

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**

Positive Controls:

WB : HepG2 cells,

IHC : human tonsillitis tissue, human cervical cancer tissue

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:

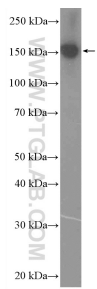
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

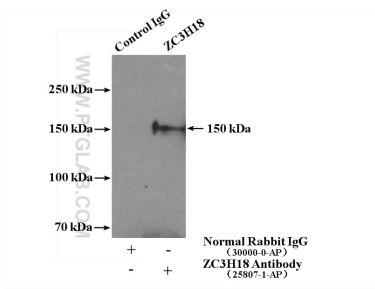
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

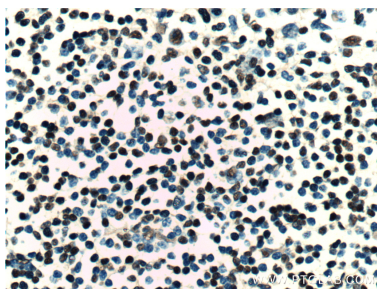
Selected Validation Data



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).