For Research Use Only

# ZBTB7B Polyclonal antibody

Catalog Number:28127-1-AP

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## Basic Information

Catalog Number:
28127-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG27970

GenBank Accession Number:
BC012070

GeneID (NCBI):
51043

UNIPROT ID:
O15156

Full Name:
zinc finger and BTB domain containing 7B

Calculated MW:
539 aa, 58 kDa

Observed MW:
70 kda

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000

## Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse

Positive Controls:

WB : HepG2 cells, HeLa cells

## Background Information

ZBTB7B, also known as Zfp-67 or Zinc finger protein Th-POK, is a 539 amino acid protein, which localizes in nucleus. ZBTB7B as a transcription regulator that acts as a key regulator of lineage commitment of immature T-cell precursors. ZBTB7B is necessary and sufficient for commitment of CD4 lineage, while its absence causes CD8 commitment. The calcualted molecular weight of ZBTB7B is about 58 kDa, but modified protein is 70 kDa.

## 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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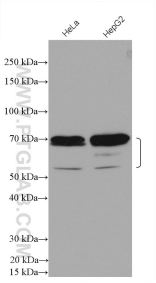
## Selected Validation Data




Various lysates were subjected to SDS PAGE followed by western blot with 28127-1-AP (ZBTB7B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.