

For Research Use Only

# ZFAND5 Polyclonal antibody

Catalog Number: 25048-1-AP



## Basic Information

Catalog Number:

25048-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19311

GenBank Accession Number:

BC027707

GeneID (NCBI):

7763

UNIPROT ID:

O76080

Full Name:

zinc finger, AN1-type domain 5

Calculated MW:

213 aa, 23 kDa

Observed MW:

23-35 kd

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, mouse brain tissue, rat brain tissue

## Background Information

ZFAND5 is involved in protein degradation via the ubiquitin-proteasome system and may act by anchoring ubiquitinated proteins to the proteasome. It plays a role in ubiquitin-mediated protein degradation during muscle atrophy and in the regulation of NF-kappa-B activation and apoptosis. It can inhibit NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. It also inhibits tumor necrosis factor (TNF), IL-1, and TLR4-induced NF-kappa-B activation in a dose-dependent manner.

## 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:

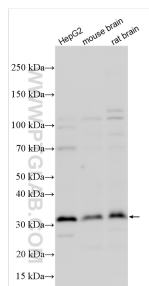
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25048-1-AP (ZFAND5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.