

For Research Use Only

# ZFAND5 Polyclonal antibody

Catalog Number: 25048-1-AP



## Basic Information

<b>Catalog Number:</b> 25048-1-AP	<b>GenBank Accession Number:</b> BC027707	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7763	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O76080	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger, AN1-type domain 5	
<b>Immunogen Catalog Number:</b> AG19311	<b>Calculated MW:</b> 213 aa, 23 kDa	
	<b>Observed MW:</b> 23-35 kd	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## 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

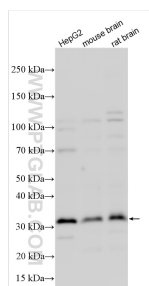
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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.