

For Research Use Only

# ZNF800 Polyclonal antibody

Catalog Number:33930-1-AP



## Basic Information

<b>Catalog Number:</b> 33930-1-AP	<b>GenBank Accession Number:</b> BC110624	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 560 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 168850	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q2TB10	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger protein 800	
<b>Immunogen Catalog Number:</b> AG40831	<b>Calculated MW:</b> 664 aa, 75 kDa	
	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, MCF-7 cells, MDA-MB-231 cells
<b>Species Specificity:</b> human	

## Background Information

ZNF800 (Zinc Finger Protein 800) is a DNA-binding transcription factor containing a C2H2-type zinc finger domain. It is localized in the nucleus and participates in the regulation of gene expression. This protein plays a critical inhibitory role in the differentiation of enteroendocrine cells (EECs). By directly binding to the promoter regions of transcription factors such as PAX4, SOX4, and INSM1, it blocks the EEC differentiation program and maintains intestinal epithelial homeostasis. In cancer research, ZNF800 is highly expressed in various malignant tumors, including low-grade glioma and lung cancer, where it promotes tumor cell proliferation, migration, and invasion. Its expression level is significantly correlated with shortened overall survival of patients, serving as an independent prognostic predictor. Furthermore, ZNF800 expression is positively correlated with immune cell infiltration in the tumor microenvironment and the expression of immune checkpoint molecules such as PD-1/PD-L1, suggesting its potential role in tumor immune evasion.

## Storage

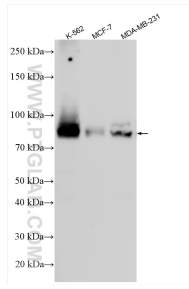
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33930-1-AP (ZNF800 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.