

For Research Use Only

ZNF800 Polyclonal antibody

Catalog Number:33930-1-AP



Basic Information

Catalog Number: 33930-1-AP	GenBank Accession Number: BC110624	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 168850	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	UNIPROT ID: Q2TB10	
Immunogen Catalog Number: AG40831	Full Name: zinc finger protein 800	
	Calculated MW: 664 aa, 75 kDa	
	Observed MW: 80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, MCF-7 cells, MDA-MB-231 cells
Species Specificity: 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

For technical support and original validation data for this product please contact:

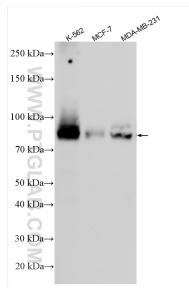
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Selected Validation Data



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