

For Research Use Only

ZNF800 Polyclonal antibody, PBS Only

Catalog Number:33930-1-PBS



Basic Information

Catalog Number:

33930-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40831

GenBank Accession Number:

BC110624

GeneID (NCBI):

168850

UNIPROT ID:

Q2TB10

Full Name:

zinc finger protein 800

Calculated MW:

664 aa, 75 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

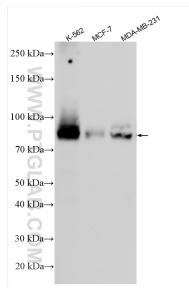
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E: Proteintech-CN@ptglab.com

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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. This data was developed using the same antibody clone with 33930-1-PBS in a different storage buffer formulation.