

For Research Use Only

ZNF148 Polyclonal antibody

Catalog Number: 31496-1-AP

Featured Product



Basic Information

Catalog Number:

31496-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35742

GenBank Accession Number:

BC035591

GeneID (NCBI):

7707

UNIPROT ID:

Q9UQR1

Full Name:

zinc finger protein 148

Observed MW:

103 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, MCF-7 cells, HeLa cells, T-47D cells

Background Information

The Kruppel-like zinc finger protein 148 (ZNF148), also known as β -enolase repressor factor 1 (BERF1, ZBP-89, and BFCOL1), encoded by this gene is a member of the Kruppel family of zinc finger DNA binding proteins. ZNF148 participates in the regulation of cell proliferation and death, and is expressed at lower levels in mammalian somatic cells, and highly expressed in tumor cells. Previous studies show that there was a significant correlation between ZNF148 expression and the invasion and metastasis of colorectal tumors. ZNF148 has two alternative splicing isoforms, which are ZNF148FL and ZNF148 Δ N. ZNF148FL contains a complete 794 amino acids, ZNF148 Δ N lacks the amino-terminal 129 amino acids, and the mechanisms involved in the generation of these two splicing isoforms are not yet clear (PMID: 30463804). Thus, ZNF148 can be observed to have two molecular weights near 103 kDa.

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:

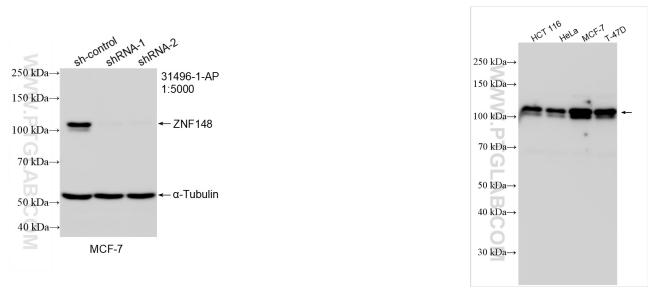
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



WB result of ZNF148 antibody (31496-1-AP; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZNF148 transfected MCF-7 cells.

Various lysates were subjected to SDS PAGE followed by western blot with 31496-1-AP (ZNF148 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.