

For Research Use Only

ZNF148 Polyclonal antibody

Catalog Number: 31496-1-AP



Basic Information

Catalog Number: 31496-1-AP	GenBank Accession Number: BC035591	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 7707	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9UQR1	
Isotype: IgG	Full Name: zinc finger protein 148	
Immunogen Catalog Number: AG35742	Observed MW: 103 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells,
Species Specificity: human	

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

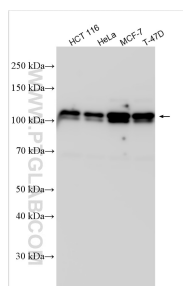
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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.