

For Research Use Only

ZNF706 Polyclonal antibody

Catalog Number: 32274-1-AP



Basic Information

Catalog Number: 32274-1-AP	GenBank Accession Number: BC015925	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 51123	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9Y5V0	
Isotype: IgG	Full Name: zinc finger protein 706	
Immunogen Catalog Number: AG37605	Calculated MW: 76 aa, 8 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, HepG2 cells, SMMC-7221 cells
Species Specificity: human	

Background Information

Zinc Finger domains account for 5% of all human proteins and interact with various substrates, such as lipids, DNA, RNA, and post-translational modifications. In addition, zinc finger proteins (ZNFs) are involved in transcriptional regulation, signal transduction, and other cellular processes. Zinc finger protein 706 (ZNF706), encoded by a gene located at chromosome 8q22.3, is a member of the C2H2-type zinc finger transcription factor family, the most abundant transcription factor family encoded by the human genome. And according to the structural analysis of ZNF706, it was definitely predicted to physically bind to DNA through the C-terminal zinc finger domain. In previous studies, it was reported that the expression of ZNF706 is upregulated in gastric cancer and laryngeal cancer. And ZNF706 may be a biomarker for the early diagnosis of rheumatoid arthritis. ZNF706 is a potential oncogene in liver cancer and functions as a ferroptosis regulator by modulating SLC7A11 expression, constituting a potential therapeutic target for HCC (PMID: 38862581).

Storage

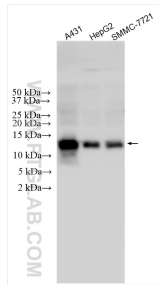
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



A431 cells were subjected to SDS PAGE followed by western blot with 32274-1-AP (ZNF706 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.