

For Research Use Only

ZNF706 Polyclonal antibody, PBS Only

Catalog Number: 32274-1-PBS



Basic Information

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| Catalog Number: 32274-1-PBS | GenBank Accession Number: BC015925 | Purification Method: Antigen affinity Purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 51123 | |
| 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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

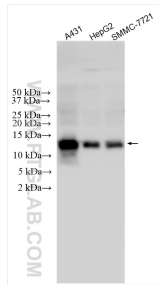
For technical support and original validation data for this product please contact:

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Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 32274-1-AP (ZNF 706 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32274-1-PBS in a different storage buffer formulation.