

## ZNF706 polyclonal antibody

Catalog: BS3984

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 13 kDa

### Swiss-Prot:

Q9Y5V0

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

IP: 1:50~1:100

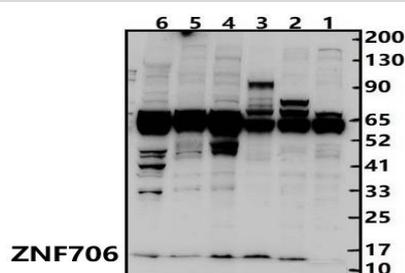
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ZNF706 polyclonal antibody detects endogenous levels of ZNF706 protein.

### DATA:



Western blot (WB) analysis of ZNF706 polyclonal antibody at 1:500 dilution

Lane1:PC3 whole cell lysate(30ug)

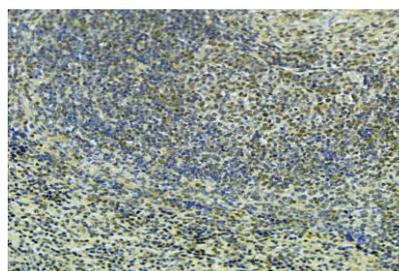
Lane2:MCF-7 whole cell lysate(30ug)

Lane3:A431 whole cell lysate(30ug)

Lane4:BV2 whole cell lysate(30ug)

Lane5:PMVEC whole cell lysate(30ug)

Lane6:The Liver tissue lysate of Mouse(30ug)



Immunohistochemistry (IHC) analyzes of ZNF706 pAb in paraffin-embedded mouse spleen tissue at 1:100.

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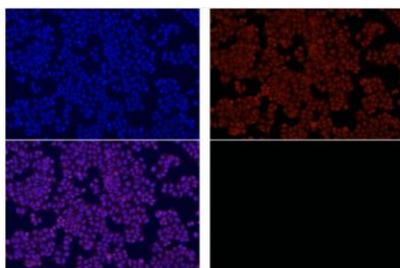
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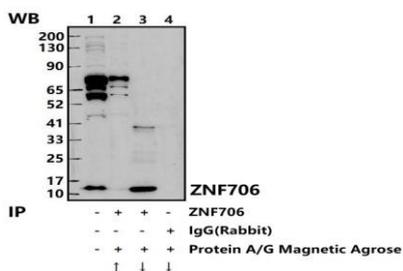
Fax: 0086-025-68035151



**Note:**

For research use only, not for use in diagnostic procedure.

Immunofluorescence analysis of MCF-7 cells using ZNF706 pAb at dilution of 1:50 . Blue: DAPI for nuclear staining.



Immunoprecipitation of MCF-7 cell lysates using ZNF706 pAb (Magnetic agrose Bead Conjugate) #BD0082(lane 2 and lane 3) and Nonspecific IgG Control (Magnetic agrose Bead Conjugate)#BD0082 (lane 4) .Lane 1 is 30% input. The western blot was probed using ZNF706 pAb. “ ↑ ” (supernatant); “ ↓ ” (deposition)

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