

For Research Use Only

# ZNF688 Polyclonal antibody

Catalog Number: 33770-1-AP



## Basic Information

**Catalog Number:**

33770-1-AP

**Size:**

150ul, Concentration: 350 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG37821

**GenBank Accession Number:**

BC018997

**GeneID (NCBI):**

146542

**UNIPROT ID:**

POC7X2

**Full Name:**

zinc finger protein 688

**Calculated MW:**

31 kDa

**Observed MW:**

34 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB: 1:500-1:1000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

WB, IP, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : A-673 cells, SK-N-SH cells

IP : A-673 cells,

## Background Information

ZNF688 encodes a C2H2-type zinc finger transcription factor that likely regulates gene expression and chromatin structure in a nucleus-localized manner. Though functionally understudied, it is predicted to act as a context-dependent transcriptional modulator influencing cell differentiation, stress responses, and tumor-associated transcriptional remodeling. Emerging transcriptomic evidence implicates ZNF688 in epigenetic control and cancer-related gene regulation, aligning it with broader zinc finger-mediated regulatory networks. (PMID: 30041579)

## 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

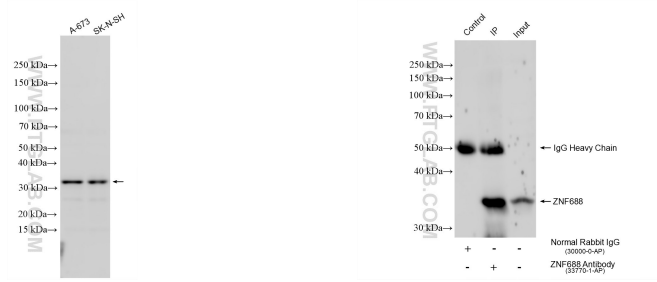
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33770-1-AP (ZNF688 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP result of anti-ZNF688 (IP:33770-1-AP, 4ug; Detection:33770-1-AP 1:500) with A-673 cells lysate 1400 ug.