

For Research Use Only

ZNF688 Polyclonal antibody

Catalog Number:33770-1-AP



Basic Information

Catalog Number:

33770-1-AP

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

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

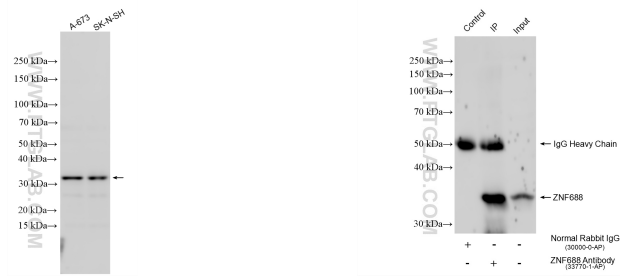
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Selected Validation Data



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.