

For Research Use Only

ZNF589 Polyclonal antibody

Catalog Number:33033-1-AP



Basic Information

Catalog Number:

33033-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36351

GenBank Accession Number:

BC166625

GeneID (NCBI):

51385

UNIPROT ID:

Q86UQ0

Full Name:

zinc finger protein 589

Observed MW:

47 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

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

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

IP : mouse liver tissue,

Background Information

ZNF589(Zinc Finger Protein 589) is a protein coding gene located at 19q13.43 in human genome, belonging to C2H2 zinc finger protein family. Most members of this family appear in the form of "KRAB-ZNF", that is, the N-terminal has a KRAB(Krüppel-associated box) transcription inhibitory domain, and the C-terminal is a DNA binding domain composed of multiple C2H2 zinc fingers connected in series. ZNF589 also follows this classic structure: KRAB-A/B box at N end, middle linker, and 11 continuous C2H2 zinc fingers at C end. Because KRAB domain can recruit KAP1/TRIM28 and other co-inhibitory complexes, ZNF589 is generally regarded as a potential transcription inhibitor. GTEx data showed that the expression of ZNF589 was low to moderate in almost all adult tissues, with the highest expression in testis, ovary, thyroid, spleen, peripheral blood leukocytes and embryonic stem cells (hESC).

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:

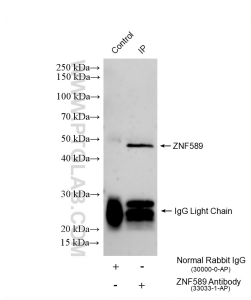
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-ZNF589 (IP:33033-1-AP, 4ug;
Detection:33033-1-AP 1:600) with mouse liver
tissue lysate 2480 ug.