

For Research Use Only

ZNF589 Polyclonal antibody, PBS Only

Catalog Number: 33033-1-PBS



Basic Information

Catalog Number: 33033-1-PBS	GenBank Accession Number: BC166625	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 51385	
Isotype: IgG	UNIPROT ID: Q86UQ0	
Immunogen Catalog Number: AG36351	Full Name: zinc finger protein 589	
	Observed MW: 47 kDa	

Applications

Tested Applications:
IP, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

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

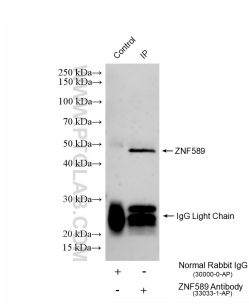
T: 4006900926

E: Proteintech-CN@ptglab.com

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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. This data was developed
using the same antibody clone with 33033-1-PBS in
a different storage buffer formulation.