

For Research Use Only

# ZNF589 Polyclonal antibody

Catalog Number:33033-1-AP



## Basic Information

<b>Catalog Number:</b> 33033-1-AP	<b>GenBank Accession Number:</b> BC166625	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 680 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51385	<b>Recommended Dilutions:</b> IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86UQ0	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger protein 589	
<b>Immunogen Catalog Number:</b> AG36351	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> IP, ELISA	<b>Positive Controls:</b> IP : mouse liver tissue,
<b>Species Specificity:</b> 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 -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

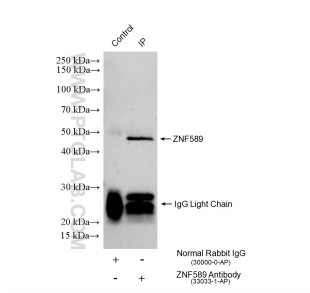
For technical support and original validation data for this product please contact:

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## 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.