

For Research Use Only

# ZBTB4 Polyclonal antibody

Catalog Number: 17611-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17611-1-AP	<b>GenBank Accession Number:</b> BC043352	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 140 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57659	
<b>Source:</b> Rabbit	<b>Full Name:</b> zinc finger and BTB domain containing 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1013 aa, 105 kDa	
<b>Immunogen Catalog Number:</b> AG11774		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human

## Background Information

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZBTB4 (zinc finger and BTB domain containing 4), also known as KAISO-L1 (KAISO-like zinc finger protein 1), is a 1,013 amino acid nuclear protein that is involved in transcriptional regulation. ZBTB4 contains one BTB (POZ) domain, six C2H2-type zinc fingers and is phosphorylated and downregulated by HIPK2. The gene encoding ZBTB4 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Weiwei Dong	34047477	Clin Transl Med	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data