

For Research Use Only

# ZBTB4 Polyclonal antibody, PBS Only

Catalog Number:17611-1-PBS



## Basic Information

<b>Catalog Number:</b> 17611-1-PBS	<b>GenBank Accession Number:</b> BC043352	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 57659	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9P1ZO	
<b>Immunogen Catalog Number:</b> AG11774	<b>Full Name:</b> zinc finger and BTB domain containing 4	
	<b>Calculated MW:</b> 1013 aa, 105 kDa	
	<b>Observed MW:</b> 105-140 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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.

## 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:

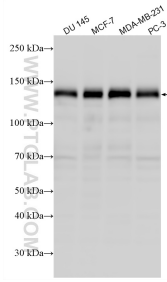
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

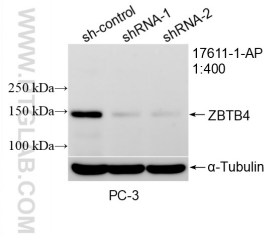
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17611-1-AP (ZBTB4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17611-1-PBS in a different storage buffer formulation.



WB result of ZBTB4 antibody (17611-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZBTB4 transfected PC-3 cells. This data was developed using the same antibody clone with 17611-1-PBS in a different storage buffer formulation.