

For Research Use Only

ZBTB4 Polyclonal antibody, PBS Only

Catalog Number:17611-1-PBS



Basic Information

Catalog Number:

17611-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11774

GenBank Accession Number:

BC043352

GeneID (NCBI):

57659

UNIPROT ID:

Q9P1ZO

Full Name:

zinc finger and BTB domain containing 4

Calculated MW:

1013 aa, 105 kDa

Observed MW:

105-140 kDa

Purification Method:

Antigen affinity purification

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.

Storage Buffer:

PBS only, pH7.3

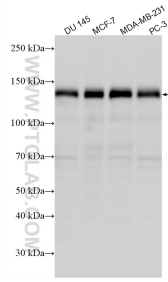
For technical support and original validation data for this product please contact:

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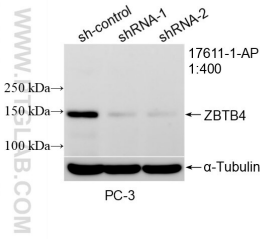
E: proteintech@ptglab.com
W: ptglab.com

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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.