

For Research Use Only

ZBTB4 Polyclonal antibody

Catalog Number: 17611-1-AP

1 Publications



Basic Information

Catalog Number:

17611-1-AP

Size:

150ul, Concentration: 140 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11774

GenBank Accession Number:

BC043352

GeneID (NCBI):

57659

UNIPROT ID:

Q9P1Z0

Full Name:

zinc finger and BTB domain containing 4

Calculated MW:

1013 aa, 105 kDa

Purification Method:

Antigen affinity purification

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:

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