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Rabbit Anti-ZBTB2/AP Conjugated antibody

SL7707R-AP

Product Name	Anti-ZBTB2/AP
Chinese Name	碱性磷酸酶（AP）标记的 Zinc finger protein437 抗体
Alias	ZNF437; ZBTB2; ZBTB2_HUMAN; Zinc finger and BTB domain containing 2; Zinc finger and BTB domain-containing protein 2; ZNF437; Zinc finger 437; bA351K16.2; Gm1103; KIAA1483.
Research Area	Cell biology Cyclin transcriptional regulatory factor Zinc finger protein Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Applications	IHC-P=1:100-500,IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	57kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ZBTB2 (434-483aa)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure

and function. ZBTB1 (zinc finger and BTB domain containing 1), also known as KIAA0997, is a 713 amino acid nuclear protein that contains one BTB (POZ) domain and 8 C2H2-type zinc fingers. ZBTB2 is a 514 amino acid nuclear protein that contains one BTB (POZ) domain and 4 C2H2-type zinc fingers. ZBTB25, also known as ZNF46 or KUP, is a 435 amino acid nuclear protein that is expressed mainly in hematopoietic cells and testis and contains one BTB (POZ) domain and 2 C2H2-type zinc fingers.

Function:
May be involved in transcriptional regulation.

Subcellular Location:
Nucleus.

Post-translational modifications:
Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:
Contains 1 BTB (POZ) domain.
Contains 4 C2H2-type zinc fingers.

Database links:

UniProtKB/Swiss-Prot: Q8N680.1

Entrez Gene: 484036 Dog

Entrez Gene: 100060294 Horse

Entrez Gene: 57621 Human

Entrez Gene: 381990 Mouse

Entrez Gene: 308126 Rat

SwissPot: Q8N680 Human

Unigene: 520073 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.