

ZBTB2 Rabbit pAb

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Catalog # AP52296

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N680
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57337
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZBTB2
Epitope Specificity	421-514/514
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	57621
Other Names	Zinc finger and BTB domain-containing protein 2, ZBTB2, KIAA1483, ZNF437
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZBTB2
Synonyms	KIAA1483, ZNF437
Function	May be involved in transcriptional regulation.
Cellular Location	Nucleus.

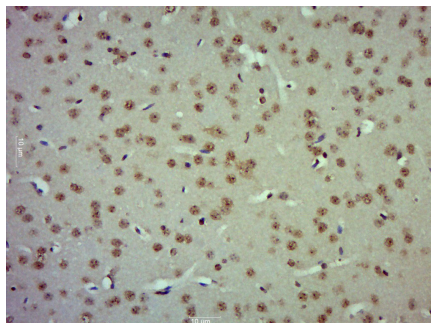
Background

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References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 7:143-150(2000).
Matsuoka S.,et al.Science 316:1160-1166(2007).

Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZBTB2) Polyclonal Antibody, Unconjugated (AP52296) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.