
ZBTB2 Rabbit pAb

Catalog Number: bs-7707R

Target Protein: ZBTB2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW: 57 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 57621

Swiss Prot: Q8N680

Source: KLH conjugated synthetic peptide derived from human ZBTB2: 421-514/514.

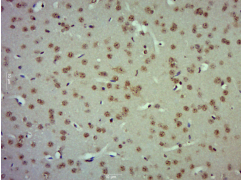
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION 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 (bs-7707R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.73] Wang, Ying, et al. "MicroRNA-149 Inhibits Proliferation and Cell Cycle Progression through the Targeting of ZBTB2 in Human Gastric Cancer." PloS one 7.10 (2012): e41693. IHC ; ="Human" . 23144691