

Datasheet for ABIN6991469
anti-ZBTB5 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	ZBTB5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ZBTB5 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human ZBTB6. The immunogen is located within the last 50 amino acids of ZBTB5.
Isotype:	IgG
Specificity:	At least two isoforms of ZBTB5 are known to exist, this antibody will recognize both isoforms. This antibody is predicted to not cross-react with other ZBTB protein family members.
Purification:	ZBTB5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ZBTB5
Alternative Name:	ZBTB5 (ZBTB5 Products)

Target Details

Background: ZBTB5 Antibody: The ZBTB family of proteins is comprised of diverse zinc finger proteins that also contain a BTB (BR-C, ttk and bab) domain. ZBTB5 was identified through sequence analysis as a POZ domain Kruppel-like zinc finger (POK) protein. Further experiments indicated that it binds DNA and can directly repress transcription of the cell cycle arrest gene p21. ZBTB5 can also interact with co-repressor histone deacetylase complexes such as BCoR, NCoR, and SMRT via its POZ domain, resulting in deacetylation of histones Ac-H3 and Ac-H4 at the proximal promoter. ZBTB5 stimulates both cell proliferation and cell cycle progression, suggesting that it may act as a potential proto-oncogene.

Gene ID: 9925

NCBI Accession: [NP_055687](#)

UniProt: [O15062](#)

Application Details

Application Notes: ZBTB5 antibody can be used for detection of ZBTB5 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ZBTB5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ZBTB5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.