

Datasheet for ABIN783357
anti-ZBTB5 antibody (C-Term)



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1 Image

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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid peptide near the carboxy terminus of human ZBTB6
Specificity:	This antibody detects ZBTB5 at C-term. 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.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ZBTB5
Alternative Name:	ZBTB5 (ZBTB5 Products)

Target Details

Background: 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. Synonyms: KIAA0354, Zinc finger and BTB domain-containing protein 5

Gene ID: 9925

NCBI Accession: [NP_055687](#)

UniProt: [O15062](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

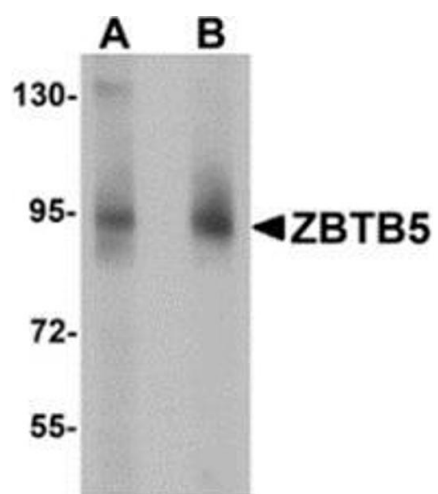
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ZBTB5 in mouse brain tissue lysate with ZBTB5 antibody at (A) 1 and (B) 2 µg/ml.