

Datasheet for ABIN6655399

anti-ZBTB4 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ZBTB4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ZBTB4 Antibody
Immunogen:	Anti-ZBTB4 Antibody was produced in rabbits by repeated immunizations with four different synthetic peptides of human ZBTB4.
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity with ZBTB4 from other species not tested.
Purification:	Anti-ZBTB4 Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration.
Sterility:	Sterile filtered

Target Details

Target:	ZBTB4
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Target Details

Alternative Name:	ZBTB4 (ZBTB4 Products)
Background:	<p>Synonyms: Zinc finger and BTB domain containing protein 4, KAISO-like zinc finger protein 1, KAISO-L1, KIAA1538</p> <p>Background: ZBTB4 is a KAISO like protein which binds to methylated DNA and regulates the transcription of methylated targets. Unlike KAISO, ZBTB4 is able to bind to single methylated CpG's. ZBTB4 acts as a transcriptional repressor protein and has been shown to be downregulated in the advanced stage of different tumours. Anti-ZBTB4 Antibody is ideal for research in Epigenetics, Gene Expression and Cancer.</p> <p>Gene Name: ZBTB4</p>
Gene ID:	57659
NCBI Accession:	NP_001122305
UniProt:	Q9P1Z0

Application Details

Application Notes:	<p>ELISA_Dilution: 1:1,000 - 1:5,000</p> <p>Western_Blot_Dilution: 1:1,000</p>
Comment:	Anti-ZBTB4 Antibody has been tested by ELISA and Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 105 kDa in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

Handling

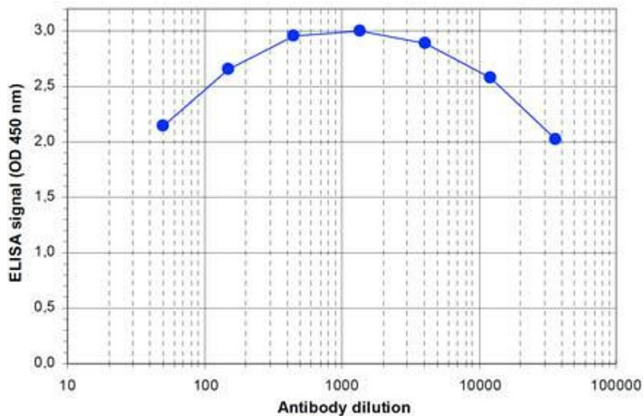
Format:	Liquid
Buffer:	<p>Buffer: None</p> <p>Stabilizer: None</p> <p>Preservative: 0.05 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended

Handling

storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

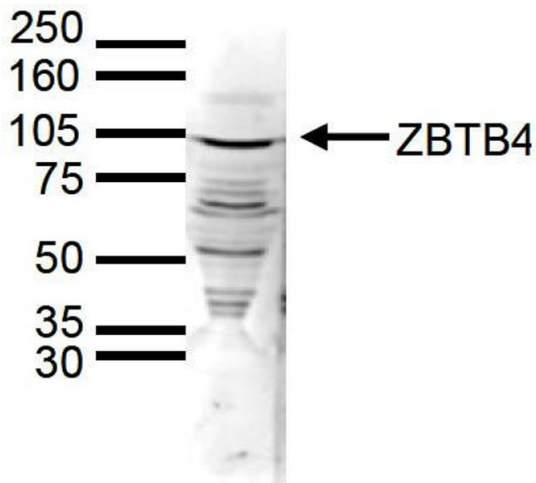
Expiry Date: 12 months

Images



ELISA

Image 1. ELISA of anti-ZBTB4 antibody ELISA results of Rabbit anti-ZBTB4 antibody. Antigen: BSA conjugated ZBTB4. Coating amount: 0.1 µg per well. Dilution series: serial dilution. Estimated Antibody Titer to be 1:50,000. Substrate: TMB .



Western Blotting

Image 2. Western Blot of anti-ZBTB4 antibody Western Blot results of Rabbit anti-ZBTB4 antibody. Lane 1: HeLa nuclear extract cells. Load: 40 µg per lane. Primary antibody: ZBTB4 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Blotto/TBS-Tween overnight at 4°C. Predicted: 105kDa.