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Datasheet for ABIN1698663  
**anti-ZBTB46 antibody (Alexa Fluor 647)**

### Overview

Quantity:	100 µL
Target:	ZBTB46 (ZNF340)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB46 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZBTB46/BTBD4
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	ZBTB46 (ZNF340)
Alternative Name:	Zbtb46/Btbd4 ( <a href="#">ZNF340 Products</a> )
Background:	Synonyms: BTB/POZ domain containing protein 4, BTBD4, RINZF, Zinc finger and BTB domain containing 46, Zinc finger and BTB domain containing protein 46, Zinc finger protein 340,

## Target Details

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ZNF340, ZBT46\_HUMAN.

Background: BTBD4 is a 589 amino acid protein that contains one BTB/POZ domain. The BTB/POZ domain mediates homomeric and heteromeric POZ-POZ interactions and is common to transcriptional regulators involved in chromatin modeling. In several BTB/POZ containing proteins, including BCL-6 and the promyelocytic leukemia zinc-finger (PLZF) oncoprotein, this domain interacts with the SMRT/N-CoR-mSin3A HDAC complex and is directly involved in repressing and silencing gene transcription. When this domain is deleted, as with the oncogenic PLZF-RAR chimera of promyelocytic leukemias, this transcriptional repression is attenuated. This suggests that BTBD4 may play a role in transcription regulation.

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Gene ID: 140685

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months