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Datasheet for ABIN1698926

**anti-ZBTB44 antibody (AA 401-500) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	ZBTB44
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB44 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZBTB44
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	ZBTB44
Alternative Name:	ZNF851/BTBD15/ZBTB44 ( <a href="#">ZBTB44 Products</a> )
Background:	Synonyms: BTB POZ domain containing 15, BTB/POZ domain-containing protein 15, BTBD15,

## Target Details

HSPC063, MGC26123, MGC57431, MGC60348, MGC88058, OTTHUMP00000230934, OTTHUMP00000230935, OTTHUMP00000230937, OTTHUMP00000230938, ZBT44\_HUMAN, Zbtb44, Zinc finger and BTB domain containing 44, Zinc finger and BTB domain-containing protein 44, Zinc finger protein 851, ZNF851.

Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kr\_ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying protein. ZBTB44 is a 570 amino acid member of the Kr\_ppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZBTB44 contains a BTB domain, also known as a POZ domain, which inhibits DNA binding and mediates homotypic and heterotypic dimerization. Characteristics of the BTB domain suggest that ZBTB44 functions as a transcription regulator. Four isoforms of ZBTB44 have been identified.

Gene ID: 29068

## Application Details

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

Restrictions: For Research Use only

## Handling

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: ProClin

Precaution of Use: This product contains ProClin: 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