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Datasheet for ABIN1693307

## anti-ZBTB5 antibody (AA 581-677) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	ZBTB5
Binding Specificity:	AA 581-677
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB5 antibody is conjugated to Alexa Fluor 350
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 ZBTB5
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	ZBTB5
Alternative Name:	ZBTB5 ( <a href="#">ZBTB5 Products</a> )

## Target Details

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**Background:** Synonyms: 5930421I10, 9430083K24Rik, AI646847, Expressed in brain and neural tube, KIAA0354, mKIAA0354, OTTMUSP00000007812, OTTMUSP00000007813, OTTMUSP00000007814, RP11-397D12.5, RP23-218A4.2, Transcription factor ZNF POZ, Zbtb5, ZBTB5\_HUMAN, Zinc finger and BTB domain containing protein 5, Zinc finger and BTB domain-containing protein 5.

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 proteins. Zinc finger and BTB domain-containing protein 5 (ZBTB5) is a 677 amino acid member of the Kr\_ppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZBTB5 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 ZBTB5 functions as a transcription regulator.

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**Gene ID:** 9925

## Application Details

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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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## Handling

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Expiry Date: 12 months