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Datasheet for ABIN1708470  
**anti-ZBTB43 antibody (AA 351-450) (Cy7)**

### Overview

Quantity:	100 µL
Target:	ZBTB43
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB43 antibody is conjugated to Cy7
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 ZBTB43/ZNF297B
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	ZBTB43
Alternative Name:	ZBTB43/ZNF297B ( <a href="#">ZBTB43 Products</a> )
Background:	Synonyms: RP11489N222, ZBT43_HUMAN, ZBTB22B, ZBTB43, Zinc Finger And BTB Domain

## Target Details

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Containing 43, Zinc finger and BTB domain-containing protein 22B, Zinc finger and BTB domain-containing protein 43, Zinc Finger Protein 297B, ZnF-x, ZNF297B, ZNFX.

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<sub>2</sub>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 43 (ZBTB43), also known as ZNF297B or ZBTB22B, is a 467 amino acid member of the Kr<sub>2</sub>ppel C2H2-type zinc-finger protein family.

Localized to the nucleus, ZBTB43 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 and the interaction of ZBTB43 with BDP1 suggest that ZBTB43 functions as a transcription regulator.

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Gene ID: 23099

## 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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Expiry Date: 12 months