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Datasheet for ABIN5012636

anti-ZBTB43 antibody (AA 351-450) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ZBTB43
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB43 antibody is conjugated to Alexa Fluor 680
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 (ZBTB43 Products)
Background:	Synonyms: RP11489N222, ZBT43_HUMAN, ZBTB22B, ZBTB43, Zinc Finger And BTB Domain

Target Details

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_{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_{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.

Gene ID: 23099

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