



Rabbit Anti-ZBTB43 antibody

SL13578R

Product Name:	ZBTB43
Chinese Name:	Zinc finger protein297B抗体
Alias:	RP11489N222; ZBT43_HUMAN; ZBTB22B; ZBTB43; Zinc Finger And BTB Domain 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	53kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZBTB43/ZNF297B:351-450/467
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 Krüppel-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 Krüppel 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.

Function:

May be involved in transcriptional regulation.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 1 BTB (POZ) domain.

Contains 3 C2H2-type zinc fingers.

SWISS:

O43298

Gene ID:

23099

Database links:

[Entrez Gene: 23099](#)Human

[Entrez Gene: 71834](#)Mouse

[Entrez Gene: 311872](#)Rat

[SwissProt: O43298](#)Human

[SwissProt: Q9DAI4](#)Mouse

[SwissProt: Q5PQT4](#)Rat

[Unigene: 355581](#)Human

[Unigene: 44186](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

