



Rabbit Anti-ZBTB5 antibody

SL13581R

Product Name:	ZBTB5
Chinese Name:	Zinc finger protein ZBTB5抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Rabbit, Sheep,
Applications:	WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=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:	74kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZBTB5:581-677/677
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 5 (ZBTB5) is a 677 amino acid member of the Krüppel 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.

Function:

May be involved in transcriptional regulation.

Subcellular Location:

Nucleus.

Similarity:

Contains 1 BTB (POZ) domain.
Contains 2 C2H2-type zinc fingers.

SWISS:

O15062

Gene ID:

9925

Database links:

[Entrez Gene: 9925](#)Human

[Entrez Gene: 230119](#)Mouse

[Entrez Gene: 298084](#)Rat

[SwissProt: O15062](#)Human

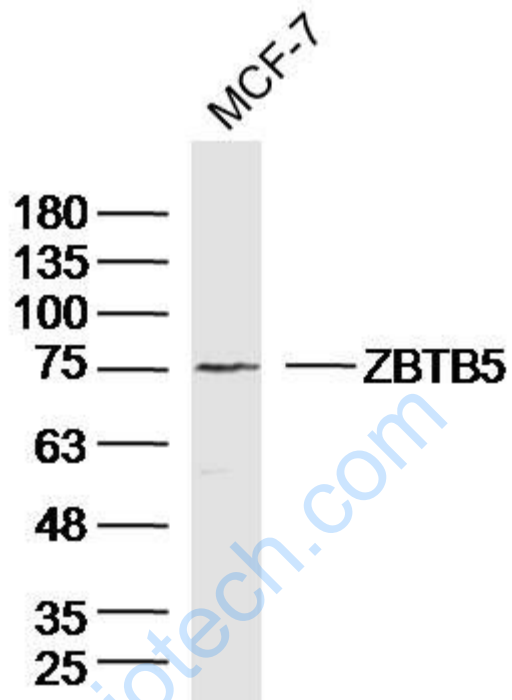
[SwissProt: Q7TQG0](#)Mouse

[Unigene: 161276](#)Human

Important Note:

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

Picture:



Sample: MCF-7 (Human) cell Lysate at 40 ug

Primary: Anti-ZBTB5(SL13581R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74kD

Observed band size: 75kD