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Rabbit Anti-ZBTB6 antibody

SL13582R

Product Name:	ZBTB6
Chinese Name:	Zinc finger proteinZBTB6抗体
Alias:	ZBTB 6; ZBTB6; ZBTB6_HUMAN; ZID; Zinc finger and BTB domain containing protein 6; Zinc finger and BTB domain-containing protein 6; Zinc finger protein 482; Zinc finger protein with interaction domain; ZNF 482; ZNF482.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZBTB6/ZNF482:351-424/424
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.

Tissue Specificity:
Widely expressed with highest levels in brain.

Similarity:
Contains 1 BTB (POZ) domain.
Contains 4 C2H2-type zinc fingers.

SWISS:
Q15916

Gene ID:
10773

Database links:

Entrez Gene: 10773Human

Entrez Gene: 241322Mouse

Entrez Gene: 366029Rat

Omim: 605976Human

SwissProt: Q15916Human

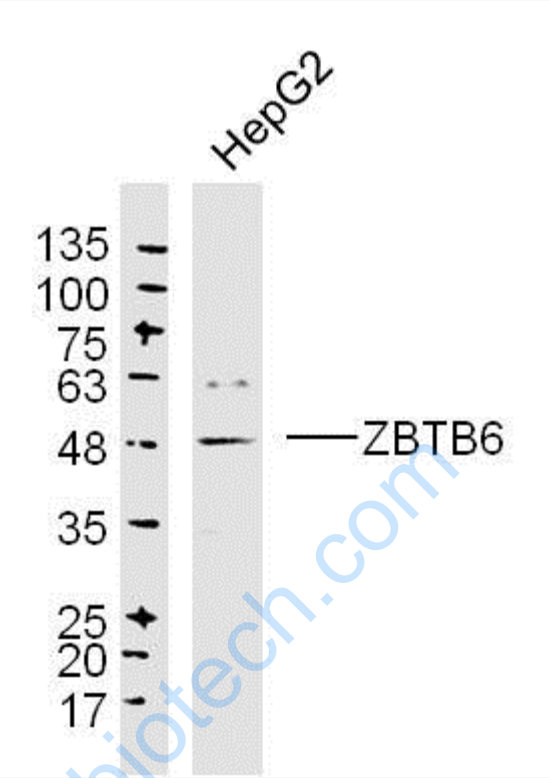
SwissProt: Q8K088Mouse

Unigene: 654596Human

Unigene: 330182Mouse

Unigene: 39069Rat

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

Picture:	 Sample: HepG2 Cell (Human) Lysate at 30 ug Primary: Anti- ZBTB6 (SL13582R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD