



Rabbit Anti-ZBTB46 antibody

SL13579R

Product Name:	ZBTB46
Chinese Name:	Zinc finger protein340抗体
Alias:	BTB/POZ domain containing protein 4; BTBD4; RINZF; Zinc finger and BTB domain containing 46; Zinc finger and BTB domain containing protein 46; Zinc finger protein 340; ZNF340; ZBT46_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Horse,Sheep,
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:	64kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZBTB46:401-500/589
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:	BTBD4 is a 589 amino acid protein that contains one BTB/POZ domain. The BTB/POZ domain mediates homomeric and heteromeric POZ-POZ interactions and is common to transcriptional regulators involved in chromatin modeling. In several BTB/POZ containing proteins, including BCL-6 and the promyelocytic leukemia zinc-finger (PLZF) oncoprotein, this domain interacts with the SMRT/N-CoR-mSin3A HDAC complex and is directly involved in repressing and silencing gene transcription. When

this domain is deleted, as with the oncogenic PLZF-RAR chimera of promyelocytic leukemias, this transcriptional repression is attenuated. This suggests that BTBD4 may play a role in transcription regulation.

Function:

ZBTB46 may be involved in transcriptional regulation. It contains one BTB (POZ) domain and two C2H2 type zinc fingers.

Tissue Specificity:

Nucleus (Potential).

Post-translational modifications:

Sumoylated. Desumoylation by PPPDE2 reverses transcriptional repression activity (By similarity).

Similarity:

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

SWISS:

Q86UZ6

Gene ID:

140685

Database links:

[Entrez Gene: 140685](#)Human

[Entrez Gene: 72147](#)Mouse

[SwissProt: Q86UZ6](#)Human

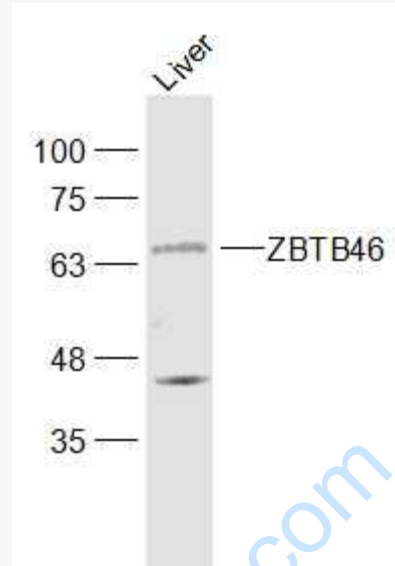
[SwissProt: Q8BID6](#)Mouse

[Unigene: 585028](#)Human

Important Note:

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

Picture:



Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti-ZBTB46 (SL13579R) at 1/1000 dilution

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

Predicted band size: 64 kD

Observed band size: 64 kD