

ZBTB46 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16533c

Product Information

Application	WB, E
Primary Accession	Q86UZ6
Other Accession	Q8BID6 , NP_079500.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36047
Calculated MW	64083
Antigen Region	251-279

Additional Information

Gene ID	140685
Other Names	Zinc finger and BTB domain-containing protein 46, BTB-ZF protein expressed in effector lymphocytes, BZEL, BTB/POZ domain-containing protein 4, Zinc finger protein 340, ZBTB46, BTBD4, ZNF340
Target/Specificity	This ZBTB46 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-279 amino acids from the Central region of human ZBTB46.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ZBTB46 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZBTB46 (HGNC:16094)
Synonyms	BTBD4, ZNF340

Function	Transcription regulator that mediates differentiation of conventional and non-conventional dendritic cells, and which is involved in tolerance to gut microbiota. Together with RORgammaT (RORC), specifically expressed in type 3 innate lymphoid cells (ILC3s) that are required for tolerance to gut microbiota, to mediate differentiation of peripherally-induced regulatory T-cells (pTreg), which suppress inflammatory responses to commensal microorganisms. Functions as a transcription corepressor for PRDM1.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q8BID6}. Chromosome {ECO:0000250 UniProtKB:Q8BID6}

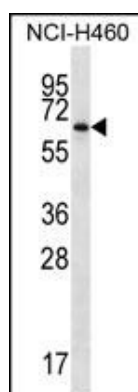
Background

ZBTB46 may be involved in transcriptional regulation.

References

Kutsenko, A.S., et al. Nucleic Acids Res. 30(14):3163-3170(2002)
Deloukas, P., et al. Nature 414(6866):865-871(2001)

Images



ZBTB46 Antibody (Center) (Cat. #AP16533c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ZBTB46 antibody detected the ZBTB46 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.