

DATASHEET

ZBTB46 Rabbit Polyclonal Antibody

CAT. NO. APA18177

KEY FEATURES

Target	ZBTB46	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

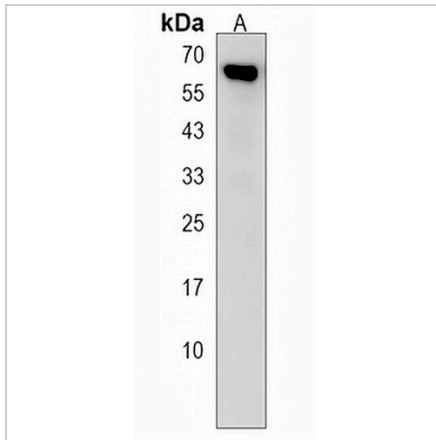
Description	Rabbit polyclonal antibody to ZBTB46
Specificity	Recognizes endogenous levels of ZBTB46 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human ZBTB46. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 64 kD; Observed: 64 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BTBD4; ZNF340; 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
Gene Symbol	ZBTB46
Entrez Gene	140685(Human)
SwissProt	Q86UZ6(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ZBTB46 expression in NCIH460 (A) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 64 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.