

**DATASHEET**

**ZBTB48 Rabbit Polyclonal Antibody**

CAT. NO. APA13104

**KEY FEATURES**

Target	ZBTB48	Source / Host	Rabbit
Reactivity	Human, Mouse	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**

Plays a critical role in transcriptional regulation and chromatin remodeling. Acts as a regulator of telomere length . Directly binds the telomeric double-stranded 5'-TTAGGG-3' repeat . Preferentially binds to telomeres that have a low concentration of shelterin complex and acts as a regulator of telomere length by initiating telomere trimming, a process that prevents the accumulation of aberrantly long telomeres . Also acts as a transcription regulator that binds to promoter regions . Regulates expression of a small subset of genes, including MTFP1 . Acts as a negative regulator of cell proliferation by specifically activating expression of ARF, a tumor suppressor isoform of CDKN2A . Acts as a transcription regulator of CIITA, the major factor regulating MHC class II gene expression .

**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**

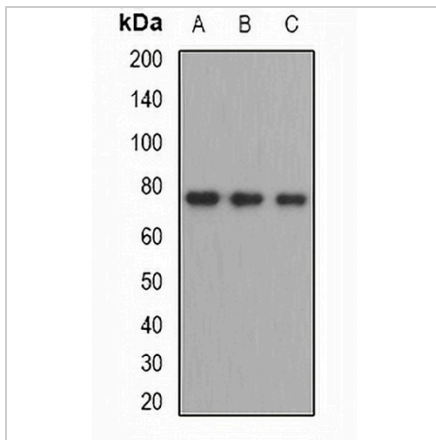
Description	Rabbit polyclonal antibody to ZBTB48
Specificity	Recognizes endogenous levels of ZBTB48 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZBTB48
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 77 kD; Observed: 77 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	HKR3; ZNF855; Zinc finger and BTB domain-containing protein 48; Krueppel-related zinc finger protein 3; Protein HKR3; Zinc finger protein 855
Gene Symbol	ZBTB48
Entrez Gene	3104(Human); 100090(Mouse)
SwissProt	P10074(Human); Q1H9T6(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 ZBTB48 expression in HEK293T (A), mouse liver (B), mouse testis (C) whole cell lysates. (Predicted band size: 77 kD; Observed band size: 77 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.