DATASHEET

TAL1/2 (Acetyl-K221+222/K36+37) Rabbit Polyclonal Antibody

CAT. NO. APA10149

KEY FEATURES

Target	TAL1/2 (Acetyl-K221+222/K36+37)	Source / Host	Rabbit
Reactivity	Human, Mouse, Chicken, Zebrafish	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

Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation .

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

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TAL1/2 (Acetyl-K221+222/K36+37)
Specificity	Recognizes endogenous levels of TAL1/2 protein only when acetylated at K221+222/K36+37.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K221+222/K36+37 of human TAL1/2 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 34; Observed: 50 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	TAL1; BHLHA17; SCL; TCL5; T-cell acute lymphocytic leukemia protein 1; TAL-1; Class A basic helix-loop-helix protein 17; bHLHa17; Stem cell protein; T-cell leukemia/lymphoma protein 5; TAL2; BHLHA19; T-cell acute lymphocytic leukemia protein 2; TAL-2; Class A basic helix-loop-helix protein 19; bHLHa19
Gene Symbol	TAL1; TAL2
Entrez Gene	6886; 6887(Human); 21349; 21350(Mouse)
SwissProt	P17542; Q16559(Human); P22091; Q62282(Mouse)

*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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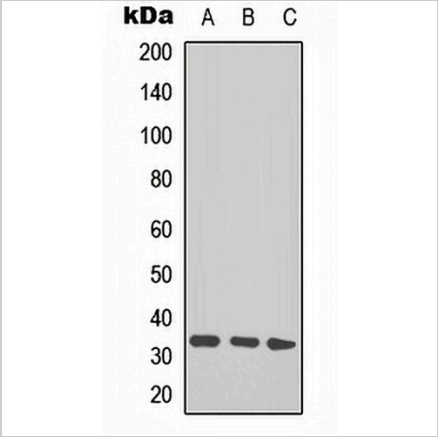
DATA



Western blot analysis of TAL1/2 (Acetyl-K221+222/K36+37) expression in Jurkat (A), mouse heart (B), mouse brain (C) whole cell lysates. (Predicted band size: 34; 12 kD; Observed band size: 50 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.