

Anti-Tal1 Picoband Antibody
Catalog # ABO12904**Specification****Anti-Tal1 Picoband Antibody - Product Information**

Application	WB
Primary Accession	P17542
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tal1 detection. Tested with WB, Direct ELISA in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Tal1 Picoband Antibody - Additional Information

Gene ID 6886

Other Names

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, TAL1, BHLHA17, SCL, TCL5

Application Details

Western blot, 0.1-0.5 µg/ml
 Direct ELISA, 0.1-0.5 µg/ml

Subcellular Localization

Nucleus.

Tissue Specificity

Leukemic stem cell.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived human Tal1 recombinant protein (Position: Y174-D259).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r° Constitution, at 4°C; for one month. It° Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and

thawing.

Anti-Tal1 Picoband Antibody - Protein Information

Name TAL1

Synonyms BHLHA17, SCL, TCL5

Function

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

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

Tissue Location

Leukemic stem cell.

Anti-Tal1 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Tal1 Picoband Antibody - Images

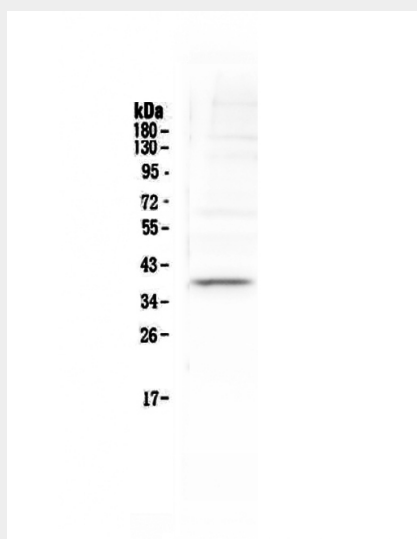


Figure 1. Western blot analysis of Tal1 using anti-Tal1 antibody (ABO12904).

Anti-Tal1 Picoband Antibody - Background

T-cell acute lymphocytic leukemia protein 1 is a protein that in humans is encoded by the TAL1 gene. The protein encoded by TAL1 is a basic helix-loop-helix transcription factor. TAL1 is a transcriptionally complex gene that is expressed throughout development, activating or repressing transcription in hematopoietic, neural, and endothelial precursors. This gene is mapped to chromosome 1p33.