

Datasheet for ABIN7138416
anti-TAL1 antibody (pSer122)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TAL1
Binding Specificity:	pSer122
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 122(Q-L-S(p)-P-P) derived from Human TAL-1.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	TAL1
Alternative Name:	TAL1 (TAL1 Products)

Target Details

Background:	<p>Background:</p> <p>TAL-1 is a basic helix-loop-helix transcription. Regulates differentiation and survival during hemopoiesis. Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation. Mutations are associated with T-cell leukemia and melanoma. Binds to the LIM domain containing protein Rhombotin-2.</p> <p>Aplan P.D., Mol. Cell. Biol. 10:6426-6435(1990).</p> <p>Gregory S.G., Nature 441:315-321(2006).</p> <p>Chen Q., J. Exp. Med. 172:1403-1408(1990).</p> <p>Aliases: bHLHa17 antibody, Class A basic helix-loop-helix protein 17 antibody, OTTHUMP00000009563 antibody, OTTHUMP00000009564 antibody, SCL antibody, STEM CELL LEUKEMIA HEMATOPOIETIC TRANSCRIPTION FACTOR antibody, Stem cell protein antibody, T cell acute lymphocytic leukemia 1 antibody, T cell acute lymphocytic leukemia 1 protein antibody, T cell acute lymphocytic leukemia 1 protein antibody, T cell leukemia/lymphoma 5 protein antibody, T-cell acute lymphocytic leukemia protein 1 antibody, T-cell leukemia/lymphoma protein 5 antibody, Tal 1 antibody, Tal 1 product antibody, TAL 1 protein antibody, TAL bHLH transcription factor 1 erythroid differentiation factor antibody, TAL-1 antibody, tal1 antibody, TAL1_HUMAN antibody, TCL 5 antibody, TCL5 antibody</p>
UniProt:	P17542
Pathways:	Stem Cell Maintenance

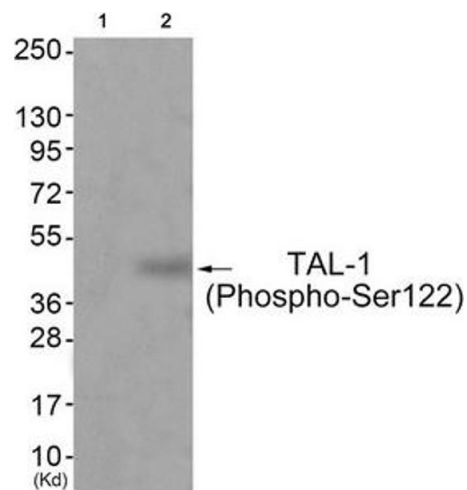
Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from JK cells (Lane 2), using TAL-1 (Phospho-Ser122) Antibody. The lane on the left is treated with antigen-specific peptide.