

Datasheet for ABIN7171330
anti-TAL1 antibody (AA 1-114)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	TAL1
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human T-cell acute lymphocytic leukemia protein 1 protein (1-114AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TAL1
Alternative Name:	TAL1 (TAL1 Products)
Background:	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 (By

Target Details

similarity).

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

UniProt: [P17542](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

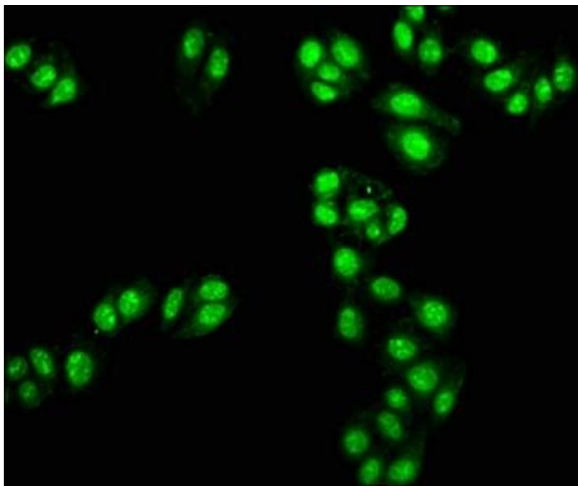
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

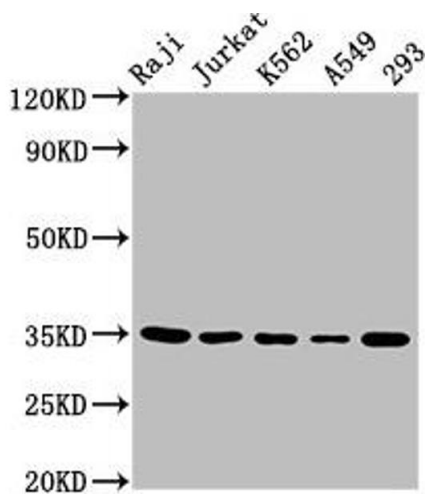
Storage: -20 °C,-80 °C

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



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7171330 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Raji whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, A549 whole cell lysate, 293 whole cell lysate All lanes: TAL1 antibody at 5.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 35, 32, 17 kDa Observed band size: 35 kDa