

Rabbit anti-Human, Mouse TAL-1 Polyclonal Antibody | anti-TAL-1 antibody

TAL-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327641	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

TAL-1; Polyclonal Antibody; TAL-1 Antibody; bHLHa17; Class A basic helix-loop-helix protein 17; OTTHUMP00000009563; OTTHUMP00000009564; SCL; STEM CELL LEUKEMIA HEMATOPOIETIC TRANSCRIPTION FACTOR; Stem cell protein; T cell acute lymphocytic leukemia 1; T cell acute lymphocytic leukemia 1 protein; T cell leukemia/lymphoma 5 protein; T-cell acute lymphocytic leukemia protein 1; T-cell leukemia/lymphoma protein 5; Tal 1; Tal 1 product; TAL 1 protein; tal1; TAL1_HUMAN; TCL 5; TCL5; anti-TAL-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TAL-1 antibody detects endogenous levels of total TAL-1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TAL-1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TAL-1
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327641 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of TAL-1 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TAL-1 antibody	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). Similarity: The helix-loop-helix domain is necessary and sufficient for the interaction with DRG1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	565671784
NCBI GeneID	6886
NCBI Accession #	NP_001274276.1
NCBI GenBank Nucleotide #	NM_001287347.2
UniProt Accession #	P17542; D3DQ24
Molecular Weight	34 kDa
NCBI Official Full Name	T-cell acute lymphocytic leukemia protein 1 isoform 1
NCBI Official Synonym Full Names	TAL bHLH transcription factor 1, erythroid differentiation factor
NCBI Official Symbol	TAL1
NCBI Official Synonym Symbols	SCL; TCL5; tal-1; bHLHa17
NCBI Protein Information	T-cell acute lymphocytic leukemia protein 1
UniProt Protein Name	T-cell acute lymphocytic leukemia protein 1
UniProt Gene Name	TAL1
UniProt Synonym Gene Names	BHLHA17; SCL; TCL5; TAL-1; bHLHa17

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tal-1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327641>