

Rabbit anti-Human TAL1 Polyclonal Antibody | anti-TAL1 antibody

TAL1 Antibody (T90)

CATALOG # AAA287869	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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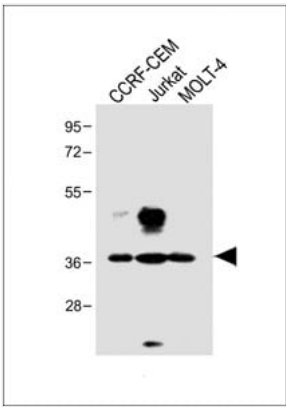
PRODUCT SYNONYMS

TAL1; Polyclonal Antibody; TAL1 Antibody (T90); 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; BHLHA17; SCL; TCL5; anti-TAL1 antibody

PRODUCT SPECIFICATIONS

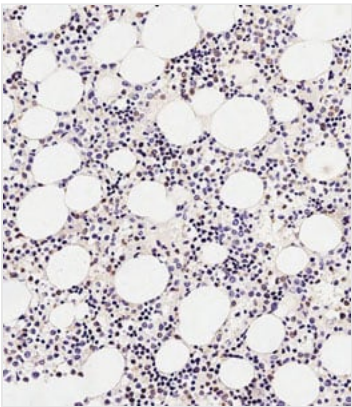
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB15312
Specificity	This TAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from human TAL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	68-97
Sequence Length	156
Applicable Applications for anti-TAL1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
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. Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDm/TBST.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes: Anti-TAL1 Antibody (T90) at 1:1000 dilution Lane 1: CCRF-CEM whole cell lysate
Lane 2: Jurkat whole cell lysate Lane 3: MOLT-4 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human marrow tissue using AAA287869 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAL1 antibody	TAL1 is implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. It serves as a positive regulator of erythroid differentiation.
Product Categories/Family for anti-TAL1 antibody	Cancer; Cell Biology; Developmental Biology; Signal Transduction
References	Kassouf,M.T., Blood 112 (4), 1056-1067 (2008) Terme,J.M., J. Virol. 82 (16), 7913-7922 (2008) Brunet de la Grange,P., Stem Cells 26 (6), 1658-1662 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507363
NCBI GeneID	6886
NCBI Accession #	NP_003180.1
NCBI GenBank Nucleotide #	NM_003189.5
UniProt Accession #	P17542; D3DQ24
NCBI Official Full Name	T-cell acute lymphocytic leukemia protein 1 isoform 1
NCBI Official Synonym Full Names	T-cell acute lymphocytic leukemia 1
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
UniProt Entry Name	TAL1_HUMAN

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/tal1-antibody-clone-rb15312-western-blot-immunohistochemistry-elisa/287869>