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TAL1 Antibody (T90)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2754A

Product Information

Application	IHC-P-Leica, WB, E
Primary Accession	P17542
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15312
Calculated MW	34271
Antigen Region	68-97

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
Target/Specificity	This TAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from human TAL1.
Dilution	IHC-P-Leica~~1:500 WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TAL1 Antibody (T90) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

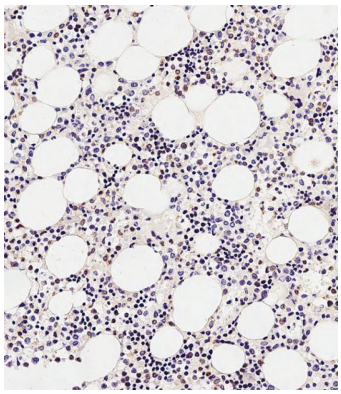
Background

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.

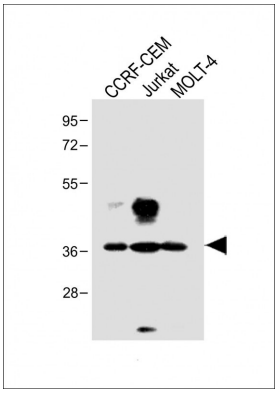
References

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)

Images



Immunohistochemical analysis of paraffin-embedded Human marrow tissue using AP2754A 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.



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 µg 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.