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Phospho-TAL1(T90) Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3690a

Product Information

Application	DB, E
Primary Accession	P17542
Reactivity	Human
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15311
Calculated MW	34271

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 phosphopeptide corresponding to amino acid residues surrounding T90 of human TAL1.
Dilution	DB~~1:500 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	Phospho-TAL1(T90) Antibody 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.

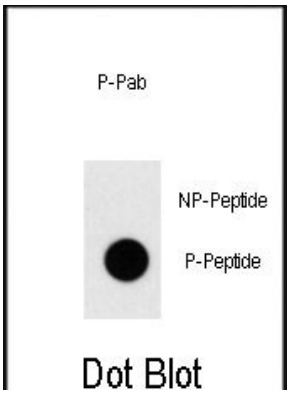
Background

TAL1 is implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation and 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



Dot blot analysis of anti-Phospho-TAL1-pT90 Pab (Cat. #AP3690a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

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