

**Phospho-TAL1(S122) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3574a****Specification**

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**Phospho-TAL1(S122) Antibody Blocking peptide - Product Information**Primary Accession [P17542](#)**Phospho-TAL1(S122) Antibody Blocking peptide - 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**

The synthetic peptide sequence used to generate the antibody [AP3574a](/products/AP3574a) was selected from the region of human Phospho-TAL1-pS122. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Phospho-TAL1(S122) Antibody Blocking peptide - 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.

**Phospho-TAL1(S122) Antibody Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**Phospho-TAL1(S122) Antibody Blocking peptide - Images****Phospho-TAL1(S122) Antibody Blocking peptide - 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.

**Phospho-TAL1(S122) Antibody Blocking peptide - 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)