

## Rabbit anti-Human, Rat TAL1 Polyclonal Antibody | anti-TAL1 antibody

TAL1 Antibody

|                               |                       |                                 |                                                                |
|-------------------------------|-----------------------|---------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA234430</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|---------------------------------|----------------------------------------------------------------|

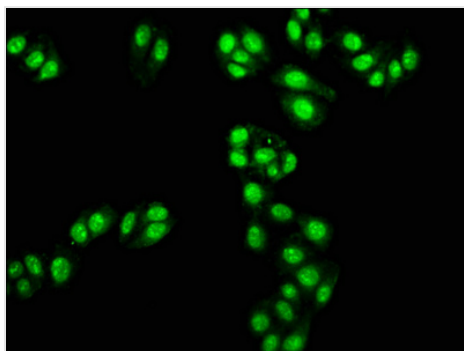
### PRODUCT SYNONYMS

TAL1; Polyclonal Antibody; TAL1 Antibody; 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

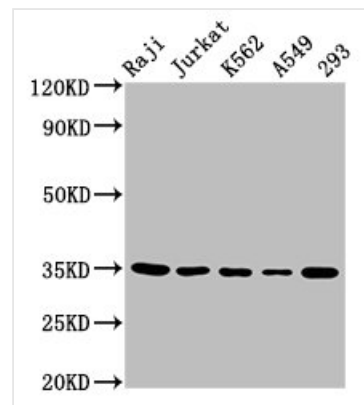
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human, Rat                                                                       |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 331                                                                              |
| Applicable Applications for anti-TAL1 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                |
| Immunogen                                      | Recombinant Human T-cell acute lymphocytic leukemia protein 1 protein (1-114AA)  |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234430 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### WB (Western Blot)

Western Blot Positive WB detected in: Raji whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, A549 whole cell lysate, 293 whole cell lysate. All lanes: TAL1 antibody at 5.5ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 35, 32, 17 KDa. Observed band size: 35 KDa.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TAL1 antibody | 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). |
| Product Categories/Family for anti-TAL1 antibody   | <a href="#">Epigenetics and Nuclear Signaling</a> ; <a href="#">Cancer</a> ; <a href="#">Cell biology</a> ; <a href="#">Developmental biology</a> ; <a href="#">Stem cells</a>                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 565671784                                                         |
| NCBI GeneID                      | 6886                                                              |
| NCBI Accession #                 | <a href="#">NP_001274276.1</a>                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001287347.2</a>                                    |
| UniProt Accession #              | <a href="#">P17542</a> ; <a href="#">D3DQ24</a>                   |
| Molecular Weight                 | 16,548 Da                                                         |
| 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                | <b>TAL1</b>                                                       |
| 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://www.aaabiotech.com/polyclonal/tal1-antibody-immunofluorescence-western-blot-elisa/234430>