

Rabbit anti-Human HCLS1 Polyclonal Antibody | anti-HCLS1 antibody

Anti-HCLS1 Antibody Picoband

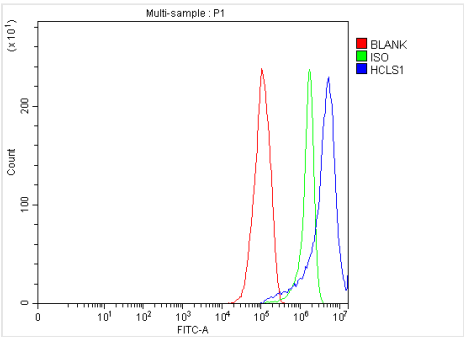
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126374	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

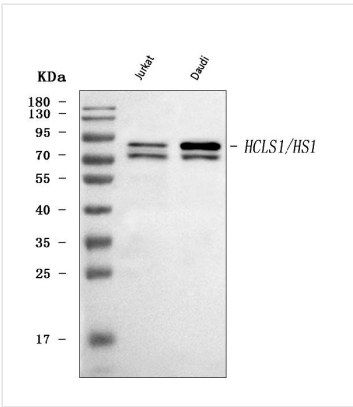
HCLS1; Polyclonal Antibody; Anti-HCLS1 Antibody Picoband; anti-HCLS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-HCLS1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human HCLS1 recombinant protein (Position: N213-K473).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of RT4 cells using anti-HCLS1 antibody (AAA126374).Overlay histogram showing RT4 cells stained with AAA126374 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-HCLS1 Antibody (AAA126374, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of HCLS1 using anti-HCLS1 antibody (AAA126374).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human Jurkat whole cell lysates,Lane 2: human Daudi whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-HCLS1 antigen affinity purified polyclonal antibody (#AAA126374) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for HCLS1 at approximately 75 kDa. The expected band size for HCLS1 is at 54 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-HCLS1 antibody	Hematopoietic lineage cell-specific protein is a protein that in humans is encoded by the HCLS1 gene. Enables RNA polymerase II-specific DNA-binding transcription factor binding activity and protein kinase binding activity. Involved in several processes, including positive regulation of intracellular signal transduction; positive regulation of protein phosphorylation; and regulation of transcription, DNA-templated. Located in cytosol; nucleus; and plasma membrane. Part of transcription regulator complex.
Product Categories/Family for anti-HCLS1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	167234422
NCBI GeneID	3059
NCBI Accession #	NP_005326.2
NCBI GenBank Nucleotide #	NM_005335.4
UniProt Accession #	P14317; Q53Y93; Q6IBK9; Q9UDK0
Molecular Weight	54,014 Da
NCBI Official Full Name	hematopoietic lineage cell-specific protein
NCBI Official Synonym Full Names	hematopoietic cell-specific Lyn substrate 1
NCBI Official Symbol	HCLS1
NCBI Official Synonym Symbols	HS1; CTTNL
NCBI Protein Information	hematopoietic lineage cell-specific protein; p75; lckBP1
UniProt Protein Name	Hematopoietic lineage cell-specific protein

UniProt Gene Name	HCLS1
UniProt Synonym Gene Names	HS1
UniProt Entry Name	HCLS1_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/hcls1-antibody-flow-cytometry-western-blot-elisa/126374>