

## Rabbit anti-Human HS1 Polyclonal Antibody | anti-HCLS1 antibody

HS1 Antibody (Ab-397)

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA288748</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

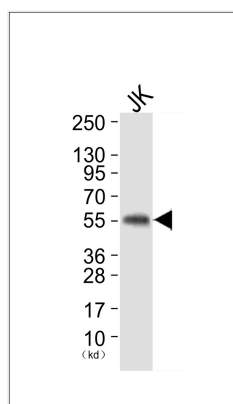
### PRODUCT SYNONYMS

HS1; Polyclonal Antibody; HS1 Antibody (Ab-397); Hematopoietic lineage cell-specific protein; Hematopoietic cell-specific LYN substrate 1; LckBP1; p75; HCLS1; anti-HCLS1 antibody

### PRODUCT SPECIFICATIONS

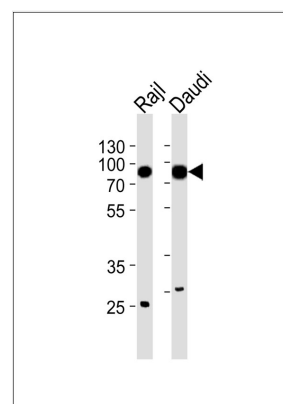
|                                                 |                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                 |
| Reactivity                                      | Human                                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                             |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                              |
| Form/Format                                     | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.     |
| Sequence Positions                              | 380-402                                                                                                                                                |
| Sequence Length                                 | 449                                                                                                                                                    |
| Applicable Applications for anti-HCLS1 antibody | ELISA, WB (Western Blot)                                                                                                                               |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                      |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from JK cells, using HS1 (Ab-397) Antibody. The lane on the left is treated with synthesized peptide.



#### WB (Western Blot)

Western blot analysis of lysates from Raji, Daudi cell line (from left to right), using HS1 Antibody (Ab-397) (B8462). B8462 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HCLS1 antibody | Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression.                                                                                   |
| Product Categories/Family for anti-HCLS1 antibody   | Signal Transduction                                                                                                                                                                                                                                                                                          |
| References                                          | Kitamura D.,et al.Nucleic Acids Res. 17:9367-9379(1989).<br>Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.<br>Ota T.,et al.Nat. Genet. 36:40-45(2004).<br>Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.<br>Muzny D.M.,et al.Nature 440:1194-1198(2006). |

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 635574580                                             |
| NCBI GeneID                      | 3059                                                  |
| NCBI Accession #                 | NP_001278970.1                                        |
| NCBI GenBank Nucleotide #        | NM_001292041.1                                        |
| UniProt Accession #              | P14317; Q53Y93; Q6IBK9; Q9UDK0; B4DQ69                |
| Molecular Weight                 | 54014                                                 |
| NCBI Official Full Name          | hematopoietic lineage cell-specific protein isoform 2 |
| NCBI Official Synonym Full Names | hematopoietic cell-specific Lyn substrate 1           |
| NCBI Official Symbol             | HCLS1                                                 |
| NCBI Official Synonym Symbols    | HS1; p75; CTTNL; lckBP1                               |
| NCBI Protein Information         | hematopoietic lineage cell-specific protein           |
| 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.