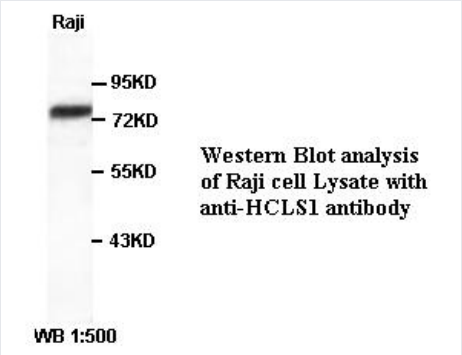
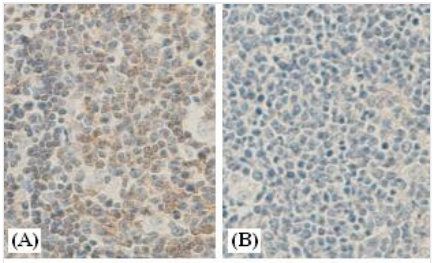
HCLS1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HCLS1, Polyclonal Antibody
Full Product Name	HCLS1 Antibody
Product Gene Name	anti-HCLS1 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Purified by peptide affinity column containing 2% BSA and 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C.
Molecular Weight	24,008 Da
OMIM	601306
3D Structure	ModBase 3D Structure for P14317
Product Categories/Family for anti-HCLS1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HCLS1 antibody	Peptide ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-HCLS1 antibody	Peptide ELISA: 1:40,000-1:80,000 WB: 1:200-1:1,000 IHC: 1:50-200
Related Product Information for anti-HCLS1 antibody	Rabbit polyclonal HCLS1 (1) antibody was raised against a 15 amino acid peptide at the C terminal residues of human HCLS1 protein.
Product References and Citations for anti-HCLS1 antibody	(1) Yamanashi, Y., Okada, M., Semba, T et, al Identification of HS1 protein as a major substrate of protein-tyrosine kinase(s) upon B-cell antigen receptor-mediated signaling. Proc. Natl. Acad. Sci. USA.90:3631-3635.
Other Notes	Small volumes of anti-HCLS1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HCLS1 purchase	MBS853123 is an antibody targeting HCLS1. Also known as HCLS1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Testing Data of anti-HCLS1 antibody



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal tonsil showing cytoplasmic and membrane staining with anti -HCLS1 antibody at a dilution of 1/100 (A),block with immunizing peptide(B)

Testing Data of anti-HCLS1 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HCLS1. It may not necessarily be applicable to this product.

NCBI GI #	167234422
NCBI GeneID	3059
NCBI Accession #	NP_005326
UniProt Primary Accession #	P14317
UniProt Secondary Accession #	Q53Y93; Q6IBK9; Q9UDK0; B4DQ69
UniProt Related Accession #	P14317
GenBank Nucleotide #	NM_005335.5
NCBI Official Full Name	hematopoietic lineage cell-specific protein isoform 1
NCBI Official Synonym Full Names	hematopoietic cell-specific Lyn substrate 1
NCBI Official Symbol	HCLS1
NCBI Official Synonym Symbols	HS1; p75; CTTNL; lckBP1
UniProt Protein Name	Hematopoietic lineage cell-specific protein
UniProt Synonym Protein Names	Hematopoietic cell-specific LYN substrate 1; LckBP1; p75
Protein Family	Hematopoietic lineage cell-specific protein
UniProt Gene Name	HCLS1
UniProt Synonym Gene Names	HS1
NCBI Protein Information	hematopoietic lineage cell-specific protein
UniProt Comments for HCLS1	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.
Research Articles on HCLS1	**1.** these studies indicate HS1 plays an important role in ROR1-dependent Wnt5a-enhanced chemokine-directed leukemia-cell migration.
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