HS1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HS1, Polyclonal Antibody
Full Product Name	HS1 Antibody
Product Gene Name	anti-HS1 antibody
Product Synonym Names	Cortactin like; CTTNL; HCLS 1; Hcls1; HCLS1_HUMAN; Hematopoietic cell specific Lyn substrate 1; Hematopoietic cell-specific LYN substrate 1; Hematopoietic lineage cell-specific protein; HS 1; HS1; LckBP1; OTTHUMP00000215180; OTTHUMP00000215182; p75
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Immunogen affinity purified
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	78kDa
OMIM	601306
3D Structure	ModBase 3D Structure for P14317
Immunogen	A synthesized peptide derived from human HS1
Storage Buffer	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HS1 antibody	Western Blot (WB)
Application Notes for anti-HS1 antibody	WB: 1:500-1:2000
Related Product Information for anti-HS1 antibody	MBS8529247 is an antibody targeting HS1. Also known as HS1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-HS1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HS1. It may not necessarily be applicable to this product.

NCBI GI #	635574580
NCBI GeneID	3059
NCBI Accession #	NP_001278970.1
UniProt Primary Accession #	P14317
UniProt Secondary Accession #	Q53Y93; Q6IBK9; Q9UDK0; B4DQ69

UniProt Related Accession #	P14317
GenBank Nucleotide #	NM_001292041.1
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
UniProt Protein Name	Hematopoietic lineage cell-specific protein
UniProt Synonym Protein Names	Hematopoietic cell-specific LYN substrate 1; LckBP1; p75
Protein Family	Stress-response A/B barrel domain-containing protein
UniProt Gene Name	HCLS1
UniProt Synonym Gene Names	HS1
NCBI Protein Information	hematopoietic lineage cell-specific protein
UniProt Comments for HS1	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 HS1	**1.** these studies indicate HS1 plays an important role in ROR1-dependent Wnt5a-enhanced chemokine-directed leukemia-cell migration.
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