

## HS1 (Phospho-Tyr397) Antibody

Catalog No: #11817

Package Size: #11817-1 50ul #11817-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

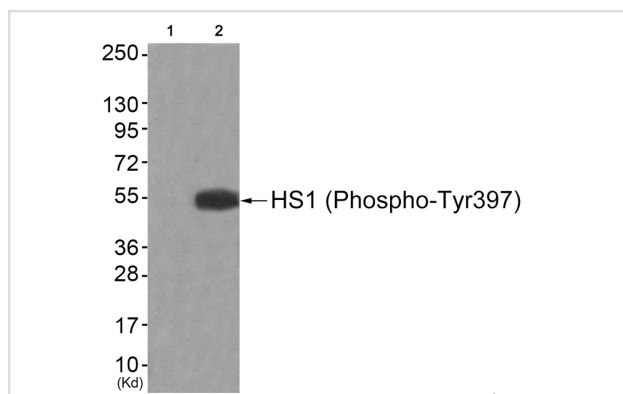
## Description

Product Name	HS1 (Phospho-Tyr397) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of HS1 only when phosphorylated at tyrosine 397.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 397(G-D-Y(p)-E-E) derived from Human HS1 .
Target Name	HS1
Modification	Phospho
Other Names	HCLS1; LCKBP1; Hematopoietic cell- specific LYN substrate 1;
Accession No.	Swiss-Prot#: P14317; NCBI Gene#: 3059; NCBI Protein#: NP_005326.2.
Uniprot	P14317
GeneID	3059;
SDS-PAGE MW	54kd
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from JK cells (Lane 2), using HS1 (Phospho-Tyr397) Antibody #11817. The lane on the left is treated with antigen-specific peptide.

## Background

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Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. Directly associates with HAX-1, through binding to its C-terminal region. May also be involved in the regulation of gene expression.

Kitamura D., Nucleic Acids Res. 17:9367-9379(1989).

Kalnine N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Ota T., Nat. Genet. 36:40-45(2004).

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Note: This product is for in vitro research use only