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HS1 Antibody (Ab-397)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50022

Product Information

Application	WB
Primary Accession	P14317
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	54014

Additional Information

Gene ID	3059
Other Names	Hematopoietic lineage cell-specific protein, Hematopoietic cell-specific LYN substrate 1, LckBP1, p75, HCLS1, HS1
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	HCLS1
Synonyms	HS1
Function	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.
Cellular Location	Membrane; Peripheral membrane protein. Cytoplasm. Mitochondrion
Tissue Location	Expressed only in tissues and cells of hematopoietic origin

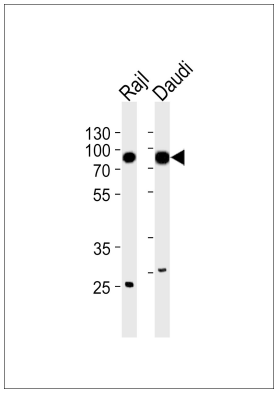
Background

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.

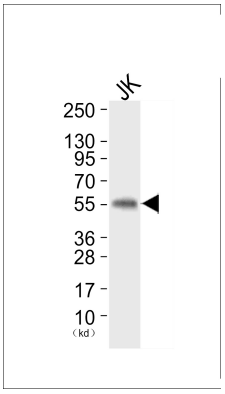
References

Kitamura D.,et al.Nucleic Acids Res. 17:9367-9379(1989).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Muzny D.M.,et al.Nature 440:1194-1198(2006).

Images



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.



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