

For Research Use Only

HBS1L Recombinant antibody, PBS Only



Catalog Number: 82795-2-PBS

Basic Information

Catalog Number: 82795-2-PBS	GenBank Accession Number: BC001465	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 10767	CloneNo.: 2L24
Source: Rabbit	UNIPROT ID: Q9Y450	
Isotype: IgG	Full Name: HBS1-like (<i>S. cerevisiae</i>)	
Immunogen Catalog Number: AG0388	Calculated MW: 75 kDa	
	Observed MW: 78 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

HBS1L (HBS1-like), also known as EF-1a or ERFS, is a 684 amino acid protein that belongs to the GTP-binding elongation factor family and exists as multiple alternatively spliced isoforms. Expressed in kidney, brain, heart, placenta, liver, muscle and pancreas, HSB1L is thought to play a role in controlling fetal hemoglobin levels, specifically influencing platelet, monocyte and erythrocyte hemoglobin content. The gene encoding HBS1L maps to a locus on human chromosome 6 that is associated with sickle cell anemia and beta-thalassemia, suggesting a role for HBS1L in the pathogenesis of blood disorders.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

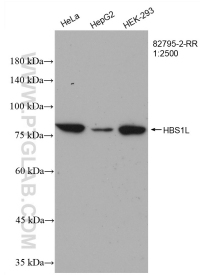
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E: Proteintech-CN@ptglab.com

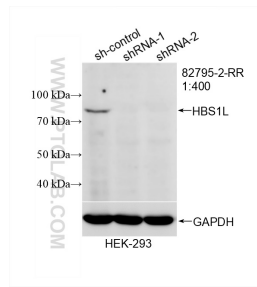
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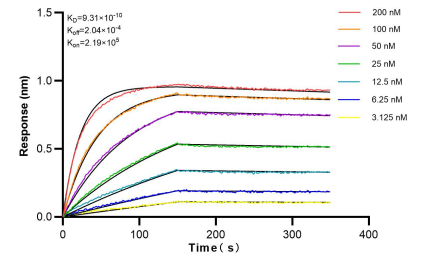
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82795-2-RR (HBS1L antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82795-2-PBS in a different storage buffer formulation.



WB result of HBS1L antibody (82795-2-RR; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-HBS1L transfected HEK-293 cells. This data was developed using the same antibody clone with 82795-2-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82795-2-RR against Human HBS1L were performed. The affinity constant is 0.931 nM.