

For Research Use Only

# HBS1L Recombinant antibody

Catalog Number: 82795-2-RR



## Basic Information

<b>Catalog Number:</b> 82795-2-RR	<b>GenBank Accession Number:</b> BC001465	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 250 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10767	<b>CloneNo.:</b> 2L24
<b>Source:</b> Rabbit	<b>Full Name:</b> HBS1-like ( <i>S. cerevisiae</i> )	<b>Recommended Dilutions:</b> WB 1:1000-1:5000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 75 kDa	
<b>Immunogen Catalog Number:</b> AG0388	<b>Observed MW:</b> 78 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, HEK-293 cells
<b>Species Specificity:</b> Human	

## Background Information

HBS1L (HBS1-like), also known as EF-1a or ERF5, 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, HBS1L 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

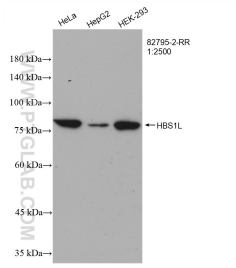
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: 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.