

HBS1L Recombinant antibody

Catalog Number: 82795-2-RR

Featured Product

Basic Information

Catalog Number:

82795-2-RR

Size:

250 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0388

GenBank Accession Number:

BC001465

GeneID (NCBI):

10767

UNIPROT ID:

Q9Y450

Full Name:HBS1-like (*S. cerevisiae*)**Calculated MW:**

75 kDa

Observed MW:

78 kDa

Purification Method:

Protein A purification

CloneNo.:

2L24

Recommended Dilutions:

WB 1:1000-1:5000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells

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 -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

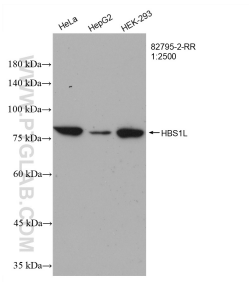
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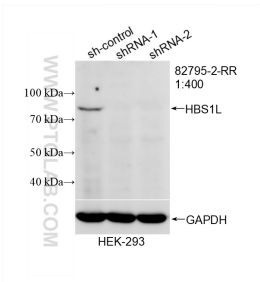
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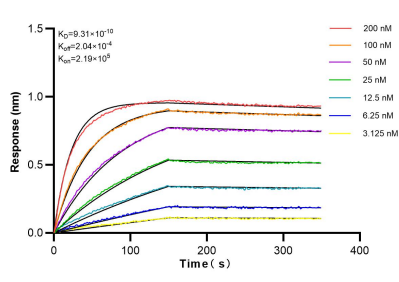
Selected Validation Data



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.



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.



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