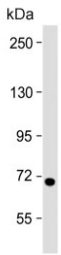
HBS1L Antibody (F54726)

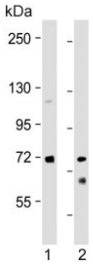
Catalog No.	Formulation	Size
F54726-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54726-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

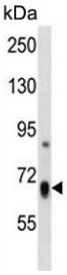
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9Y450
Applications	Western blot: 1:500-1:1000
Limitations	This HBS1L antibody is available for research use only.



Western blot testing of human Jurkat cell lysate with HBS1L antibody. Predicted molecular weight ~75 kDa.



Western blot testing of human 1) brain and 2) heart tissue lysate with HBS1L antibody. Predicted molecular weight ~75 kDa.



Western blot testing of mouse heart tissue lysate with HBS1L antibody. Predicted molecular weight ~75 kDa.

Description

This gene encodes a member of the GTP-binding elongation factor family. It is expressed in multiple tissues with the highest expression in heart and skeletal muscle. The intergenic region of this gene and the MYB gene has been identified to be a quantitative trait locus (QTL) controlling fetal hemoglobin level, and this region influnces erythrocyte, platelet, and monocyte counts as well as erythrocyte volume and hemoglobin content. DNA polymorphisms at this region associate with fetal hemoglobin levels and pain crises in sickle cell disease. A single nucleotide polymorphism in exon 1 of this gene is significantly associated with severity in beta-thalassemia/Hemoglobin E. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene.

Application Notes

The stated application concentrations are suggested starting points. Titration of the HBS1L antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 460-486 from the human protein was used as the immunogen for the HBS1L antibody.

Storage

Aliquot the HBS1L antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.