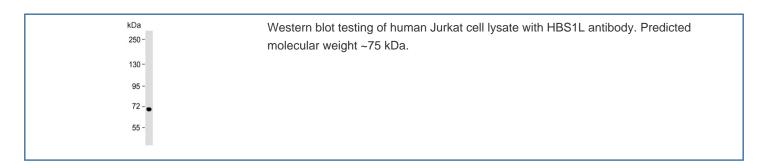


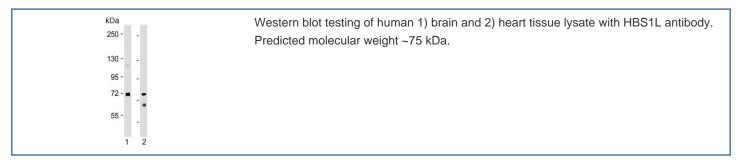
HBS1L Antibody (F54726)

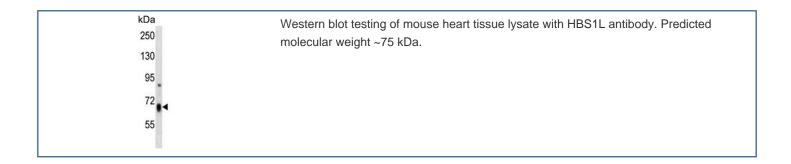
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F54726-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54726-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| Availability | 1-3 business days |
|--------------------|---|
| Species Reactivity | Human, Mouse |
| Format | Purified |
| 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. |







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.