

HBS1L Polyclonal Antibody

Catalog Number PA5-35888

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunocytochemistry (ICC/IF)	Dilution * 1:100-1:1,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant fragment corresponding to a region within amino acids 275 and 589 of HBS1L		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial. Predicted reactivity: Mouse (96%), Rat (96%), Zebrafish (86%), Xenopus laevis (89%), Bovine (98%).

Background/Target Information

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 influences 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.

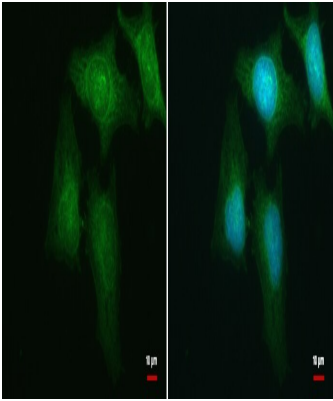
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Product Images For HBS1L Polyclonal Antibody



HBS1L Antibody (PA5-35888) in ICC/IF

HBS1L Polyclonal Antibody detects HBS1L protein at nucleus and cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 100% MeOH for 5 min. Green: HBS1L protein stained by HBS1L Polyclonal Antibody (Product # PA5-35888) diluted at 1:500. Blue: Hoechst 33342 staining.

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