SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-HBS1L antibody

Catalog Number: SL15420R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HBS1L
Immunogen:	KLH conjugated synthetic peptide derived from human HBS1L: 101-200/684
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Pig,Rabbit)
Predicted MW.:	75kDa
Subcellular Location:	cytoplasmic
Background:	HBS1L 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 β-thalassemia, suggesting a role for HBS1L in the pathogenesis of blood disorders. **Tissue Specificity:** Detected in heart, brain, placenta, liver, muscle, kidney and pancreas. **Similarity:** Belongs to the GTP-binding elongation factor family. **Database links:** **Entrez Gene:** 10767 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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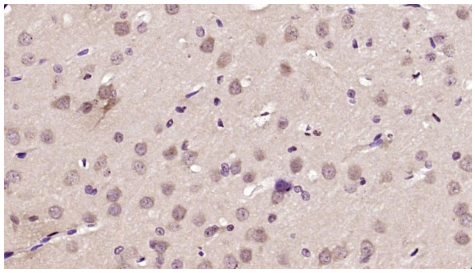
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	Entrez Gene: 56422 Mouse Omim: 612450 Human **SwissProt:** Q9Y450 Human **SwissProt:** Q69ZS7 Mouse **Unigene:** 378532 Human **Unigene:** 25527 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HBS1L) Polyclonal Antibody, Unconjugated (SL15420R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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