SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RBKS antibody

Catalog Number: SL8705R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RBKS
Immunogen:	KLH conjugated synthetic peptide derived from human RBKS: 1-100/322
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4 Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 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:	Mouse,Rat(predicted:Human,Dog,Pig,Cow)
Predicted MW.:	35kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	RBKS belongs to the pfkB family of carbohydrate kinases. It phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. **Function:** This subpathway is part of the pathway D-ribose degradation, which is itself part of Carbohydrate metabolism. View all proteins of this organism that are known to be involved in the subpathway that synthesizes D-ribose 5-phosphate from beta-D-ribopyranose, the pathway D-ribose degradation and in Carbohydrate metabolism. **Similarity:** Belongs to the carbohydrate kinase PfkB family. **Database links:** **Entrez Gene:** 64080 Human Omim: 611132 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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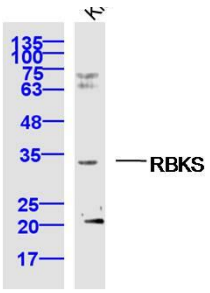
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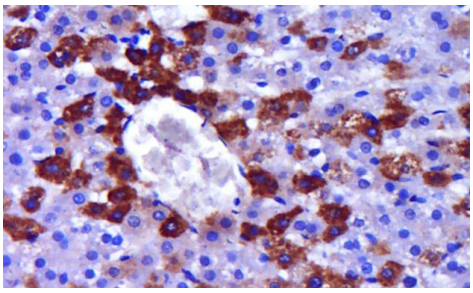
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	SwissProt: Q9H477 Human

[VALIDATION IMAGES]



Sample: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-RBKS (SL8705R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 35 kD
Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (RBKS) Polyclonal Antibody, Unconjugated (SL8705R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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