

RBKS Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59067

Specification

RBKS Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9H477
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34143

RBKS Polyclonal Antibody - Additional Information

Gene ID 64080

Other Names

Ribokinase {ECO:0000255|HAMAP-Rule:MF_03215, ECO:0000303|PubMed:17585908}, RK
{ECO:0000255|HAMAP-Rule:MF_03215, ECO:0000303|PubMed:17585908}, 2.7.1.15
{ECO:0000255|HAMAP-Rule:MF_03215, ECO:0000269|PubMed:17585908}, RBKS
{ECO:0000255|HAMAP-Rule:MF_03215}, RBSK

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RBKS Polyclonal Antibody - Protein Information

Name RBKS {ECO:0000255|HAMAP-Rule:MF_03215}

Synonyms RBSK

Function

Catalyzes the phosphorylation of ribose at O-5 in a reaction requiring ATP and magnesium. The resulting D-ribose-5-phosphate can then be used either for synthesis of nucleotides, histidine, and tryptophan, or as a component of the pentose phosphate pathway.

Cellular Location

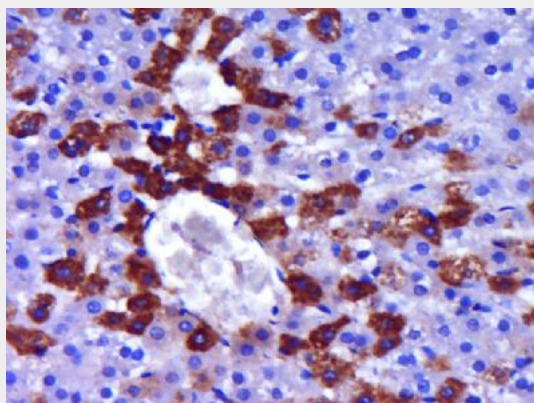
Cytoplasm {ECO:0000250|UniProtKB:P25332, ECO:0000255|HAMAP-Rule:MF_03215}. Nucleus {ECO:0000250|UniProtKB:P25332, ECO:0000255|HAMAP-Rule:MF_03215}

RBKS Polyclonal Antibody - Protocols

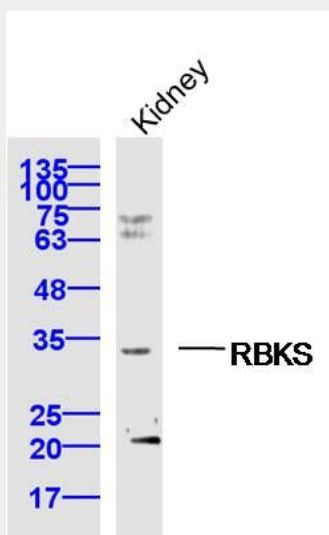
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RBKS Polyclonal Antibody - Images



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 (bs-8705R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-RBKS (bs-8705R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 35 kD
Observed band size: 34 kD