

PACO33956

Product Information

Size:

50ug

Reactivity:

Escherichia coli

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

In enzymology, a ribokinase (EC 2.7.1.15) is an enzyme that catalyzes the chemical reaction $n\text{ATP} + \text{D-ribose} \rightarrow \text{ADP} + \text{D-ribose 5-phosphate}$. Thus, the two substrates of this enzyme are ATP and D-ribose, whereas its two products are ADP and D-ribose 5-phosphate. This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP: D-ribose 5-phosphotransferase. Other names in common use include deoxyribokinase, ribokinase (phosphorylating), and D-ribokinase. This enzyme participates in pentose phosphate pathway.

Gene ID:

rbsK

Uniprot

P0A9J6

Synonyms:

Ribokinase (RK) (EC 2.7.1.15), rbsK

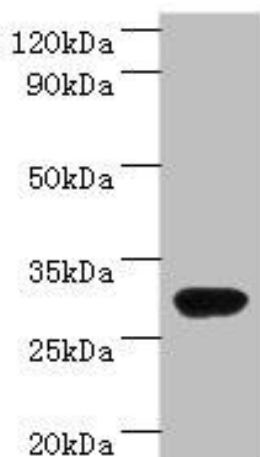
Immunogen:

Recombinant Escherichia coli Ribokinase protein (1-309AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

All lanes: rbsK antibody at 2µg/ml + DH5a whole cell lysate

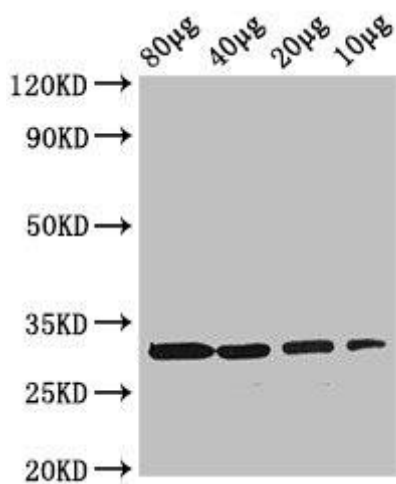
Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 33 kDa

Observed band size: 33 kDa

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Western Blot

Positive WB detected in: Rosseta bacteria lysate at 80µg, 40µg, 20µg, 10µg

All lanes: rbsK antibody at 3µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 33 kDa

Observed band size: 33 kDa

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