

Datasheet for ABIN7141714
anti-Ribokinase antibody (AA 1-309)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	Ribokinase (RBKS)
Binding Specificity:	AA 1-309
Reactivity:	E. coli
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ribokinase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Escherichia coli Ribokinase protein (1-309AA)
Isotype:	IgG
Cross-Reactivity:	E. coli
Purification:	>95%, Protein G purified

Target Details

Target:	Ribokinase (RBKS)
Alternative Name:	rbsK (RBKS Products)
Background:	Background: In enzymology, a ribokinase (EC 2.7.1.15) is an enzyme that catalyzes the chemical reaction nATP + D-ribose ADP + D-ribose 5-phosphate. Thus, the two substrates of

Target Details

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.

Aliases: rbsK antibody, b3752 antibody, JW3731 antibody, Ribokinase antibody, RK antibody, EC 2.7.1.15 antibody

UniProt: [P0A9J6](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

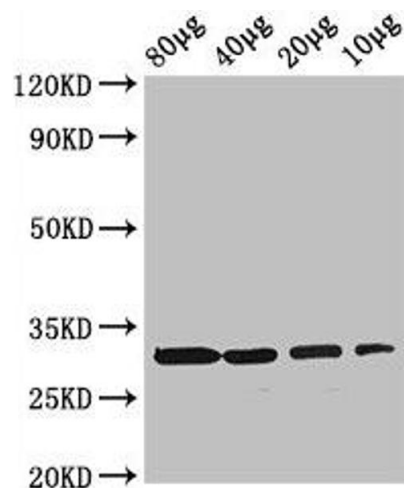
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

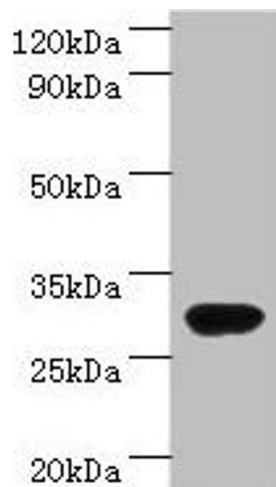
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: Rosseta bacteria lysate at 80 µg, 40 µg, 20 µg, 10 µg All lanes: rbsK antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 33 kDa Observed band size: 33 kDa



Western Blotting

Image 2. Western blot All lanes: rbsK antibody at 2 µg/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