

For Research Use Only

RBKS Polyclonal antibody, PBS Only

Catalog Number: 31590-1-PBS



Basic Information

Catalog Number:

31590-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36374

GenBank Accession Number:

BC017425

GeneID (NCBI):

64080

UNIPROT ID:

Q9H477

Full Name:

ribokinase

Observed MW:

34 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

RBKS also known as ribokinase, is a member of the carbohydrate kinase PfkB family. The protein encoded by this gene phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium, which is the first step in ribose metabolism. This process is crucial for the metabolism of ribose, a sugar that is a component of RNA and ATP. In summary, RBKS is an important gene involved in the initial step of ribose metabolism, with its protein product playing a key role in phosphorylating ribose to ribose-5-phosphate, a reaction that is essential for further metabolic processes involving this sugar.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

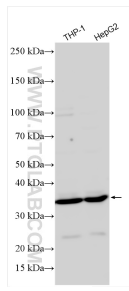
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 31590-1-AP (RBKS antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31590-1-PBS in a different storage buffer formulation.