

For Research Use Only

RBKS Polyclonal antibody, PBS Only

Catalog Number: 31590-1-PBS



Basic Information

Catalog Number: 31590-1-PBS	GenBank Accession Number: BC017425	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 64080	
Source: Rabbit	UNIPROT ID: Q9H477	
Isotype: IgG	Full Name: ribokinase	
Immunogen Catalog Number: AG36374	Observed MW: 34 kDa	

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

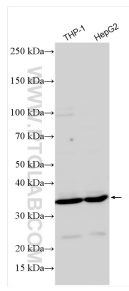
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.