

For Research Use Only

# AK6 Polyclonal antibody

Catalog Number: 30517-1-AP



## Basic Information

Catalog Number:

30517-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29330

GenBank Accession Number:

NM\_016283.4

GeneID (NCBI):

102157402

UNIPROT ID:

Q9Y3D8

Full Name:

AK6

Calculated MW:

20 kDa

Observed MW:

20-24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells

## Background Information

Adenylate Kinase 6 (AK6), also known as human coilin-interacting nuclear ATPase protein (hCINAP), is a unique enzyme that belongs to the adenylate kinase family. It is encoded by the AK6 gene located on chromosome 5q13.2. AK6 is a dual-activity enzyme, possessing both adenylate kinase and ATPase activities. The protein is involved in various biological processes, including gene transcription, ribosome quality control, embryonic development, cellular senescence, metabolism, proliferation, apoptosis, DNA damage response, and inflammation. It is also implicated in tumor development and has been explored as a potential drug target for cancer and neurodegenerative diseases.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

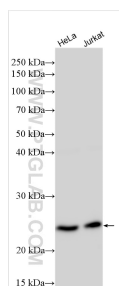
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30517-1-AP (AK6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.