

# [KO Validated] ADK Rabbit pAb

Catalog No.: A19992 **KO** Validated

## Basic Information

### Catalog No.

A19992

### Observed MW

45kDa

### Calculated MW

34kDa/36kDa/38kDa/40kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Background

This gene encodes an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Multiple transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

### Gene ID

132

### Swiss Prot

P55263

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 200-345 of human ADK (NP\_001114.2).

### Synonyms

ADK;AK

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

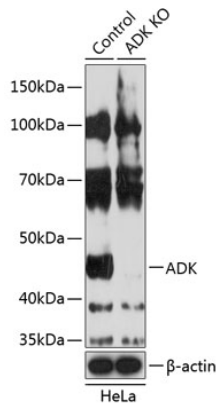
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts from normal (control) and ADK knockout (KO) HeLa cells, using ADK antibody (A19992) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.