

# AGK Mouse mAb

Catalog No.: A16230

## Basic Information

### Observed MW

47kDa

### Calculated MW

47kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

AMC0020

## Background

The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

55750

### Swiss Prot

Q53H12

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-422 of human AGK (NP\_060708.1).

### Synonyms

MULK; CATC5; CTRCT38; MTDPS10; AGK

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1, Kappa

### Purification

Affinity purification

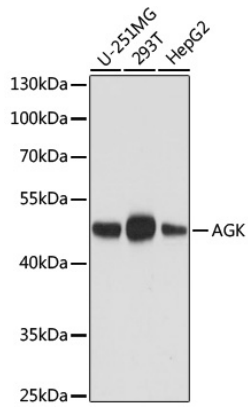
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using AGK Mouse mAb (A16230) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.