

# PRKAG2 Rabbit pAb

Catalog No.: A14480

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

63kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

AMP-activated protein kinase (AMPK) is a heterotrimeric protein composed of a catalytic alpha subunit, a noncatalytic beta subunit, and a noncatalytic regulatory gamma subunit. Various forms of each of these subunits exist, encoded by different genes. AMPK is an important energy-sensing enzyme that monitors cellular energy status and functions by inactivating key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This gene is a member of the AMPK gamma subunit family. Mutations in this gene have been associated with Wolff-Parkinson-White syndrome, familial hypertrophic cardiomyopathy, and glycogen storage disease of the heart. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

51422

### Swiss Prot

Q9UGJ0

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-328 of human PRKAG2 (NP\_077747.1).

### Synonyms

AAKG; CMH6; WPWS; AAKG2; H91620p; PRKAG2

## 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 0.01% thimerosal, 50% glycerol, pH7.3.