

A18575

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# PRKG2 Rabbit pAb

Catalog No.: A18575

## Basic Information

### Observed MW

100kDa

### Calculated MW

87kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Mouse,Rat

## Background

This gene encodes a protein that belongs to the serine/threonine protein kinase family of proteins. The encoded protein binds to and inhibits the activation of several receptor tyrosine kinases. The membrane-bound protein is a regulator of intestinal secretion, bone growth and renin secretion. Alternate splicing results in multiple transcript variants encoding distinct isoforms whose regulatory N-termini differ in length but whose C-terminal catalytic domains are identical.

## Recommended Dilutions

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

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells

## Immunogen Information

### Gene ID

5593

### Swiss Prot

Q13237

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human PRKG2 (NP\_006250.1).

### Synonyms

AMD4; PKG2; SMDP; cGK2; cGKII; PRKGR2; PRKG2

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

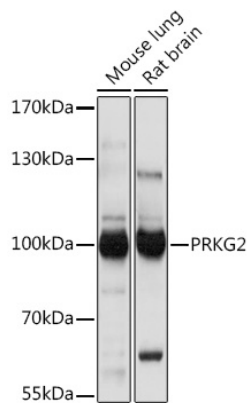
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of various lysates using PRKG2 Rabbit pAb (A18575) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.

Immunoprecipitation analysis of 600  $\mu$ g extracts of Mouse lung using 3  $\mu$ g PRKG2 antibody (A18575).  
Western blot was performed from the immunoprecipitate using PRKG2 antibody (A18575) at a dilution of 1:1000.

