

# PRKAR1B Rabbit Polyclonal Antibody



CAB10125

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

43kDa

### Calculated MW:

43kDa

### Applications:

WB

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene is a regulatory subunit of cyclic AMP-dependent protein kinase A (PKA), which is involved in the signaling pathway of the second messenger cAMP. Two regulatory and two catalytic subunits form the PKA holoenzyme, disbands after cAMP binding. The holoenzyme is involved in many cellular events, including ion transport, metabolism, and transcription. Several transcript variants encoding the same protein have been found for this gene.

## Immunogen information

### Gene ID:

5575

### Uniprot

P31321

### Synonyms:

PRKAR1B; PRKAR1

## Antibody Information

### Recommended dilutions:

WB 1:1000 - 1:4000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

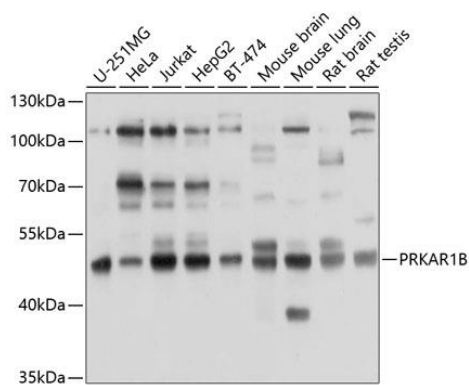
Recombinant fusion protein containing a sequence corresponding to amino acids 190-290 of human PRKAR1B (NP\_002726.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using PRKAR1B antibody (CAB10125) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.