

**PKA 2 beta Antibody**  
Rabbit mAb  
Catalog # AP91264

## Specification

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### PKA 2 beta Antibody - Product Information

Application **WB, IHC, FC, ICC, IP**  
Primary Accession [P31323](#)  
Reactivity **Rat**  
Clonality **Monoclonal**

#### Other Names

AI451071; cAMP dependent protein kinase type II beta regulatory chain; Pkarb2; PRKAR2B; Protein kinase cAMP dependent regulatory type II beta; RATDNA; RII beta;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **46302 Da**

### PKA 2 beta Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human PKA 2 beta**  
Description **Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.**  
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### PKA 2 beta Antibody - Protein Information

**Name** PRKAR2B

#### Function

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.

#### Cellular Location

Cytoplasm. Cell membrane. Note=Colocalizes with PJA2 in the cytoplasm and at the cell membrane

#### Tissue Location

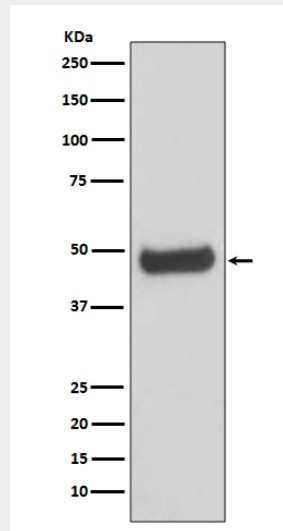
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

### PKA 2 beta Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PKA 2 beta Antibody - Images



Western blot analysis of PKA 2 beta expression in human fetal brain lysate.