

**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	<a href="#">P31323</a>
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**

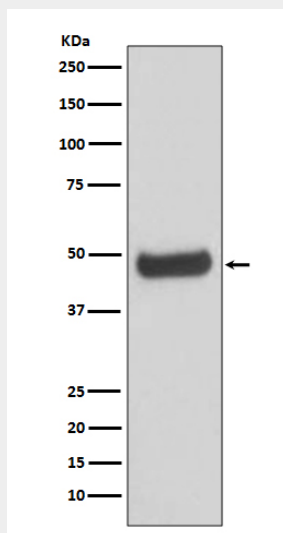
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

### 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.