

**PKA R2 Antibody**  
Rabbit mAb  
Catalog # AP92201

## Specification

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### PKA R2 Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	<a href="#">P13861</a>
Clonality	Monoclonal
<b>Other Names</b>	
KAP2; PKR2; PRKAR2; PRKAR2A;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	45518 Da

### PKA R2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PKA R2
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 R2 Antibody - Protein Information

**Name** PRKAR2A

**Synonyms** PKR2, PRKAR2

#### 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 the cell membrane

#### Tissue Location

Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression

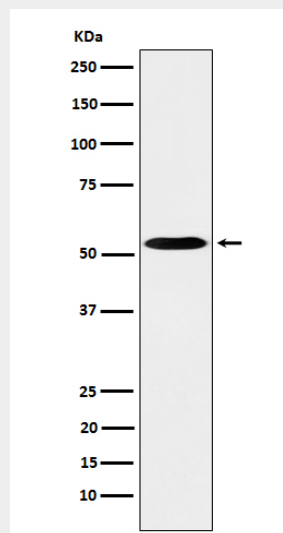
varies among tissues and is in some cases constitutive and in others inducible

### PKA R2 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 R2 Antibody - Images



Western blot analysis of PKA R2 expression in K562 cell lysate.