

**Phospho-PKA R2 (S99) Antibody**  
Rabbit mAb  
Catalog # AP90120

**Specification**

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**Phospho-PKA R2 (S99) Antibody - Product Information**

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

**Phospho-PKA R2 (S99) Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-PKA R2 (S99)
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.

**Phospho-PKA R2 (S99) 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**

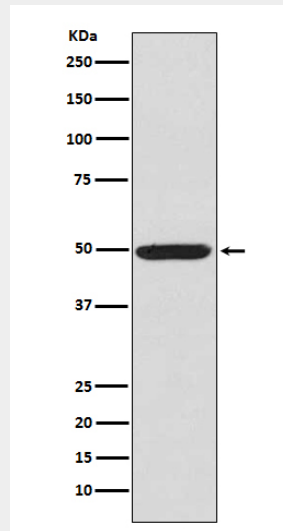
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

### Phospho-PKA R2 (S99) 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](#)

### Phospho-PKA R2 (S99) Antibody - Images



Western blot analysis of Phospho-PKA R2 (Ser99) in K562 cell lysate.