

**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**

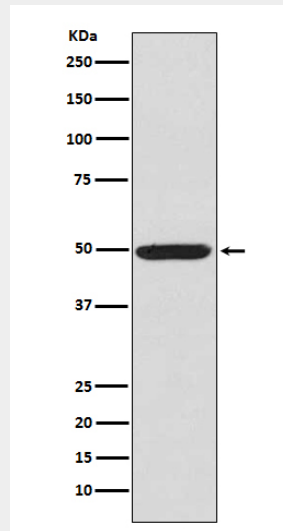
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

### 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.