

**PKA-R2 $\beta$  (Phospho-Ser113) Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP52423**

**Specification**

---

**PKA-R2 $\beta$  (Phospho-Ser113) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31323</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46302

**PKA-R2 $\beta$  (Phospho-Ser113) Antibody - Additional Information**

**Gene ID** 5577

**Other Names**

cAMP-dependent protein kinase type II-beta regulatory subunit, PRKAR2B

**Dilution**

WB~~1:1000

**Format**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**

-20°C

**PKA-R2 $\beta$  (Phospho-Ser113) 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**

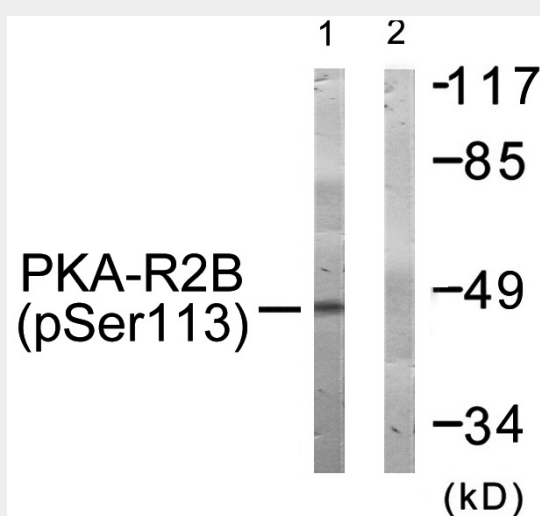
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

## PKA-R2 $\beta$ (Phospho-Ser113) 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 $\beta$ (Phospho-Ser113) Antibody - Images



Western blot analysis of extracts from COS-7 cells, treated with PMA (125ng/ml, 30mins), using PKA-R2 $\beta$  (Phospho-Ser113) antibody.

## PKA-R2 $\beta$ (Phospho-Ser113) Antibody - Background

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.

## PKA-R2 $\beta$ (Phospho-Ser113) Antibody - References

- Levy F.O., et al. Mol. Endocrinol. 2:1364-1373(1988).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Scherer S.W., et al. Science 300:767-772(2003).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Han G., et al. Proteomics 8:1346-1361(2008).