

PKA-R2 β (Phospho-Ser113) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52423

Specification

PKA-R2 β (Phospho-Ser113) Antibody - Product Information

Application	WB
Primary Accession	P31323
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46302

PKA-R2 β (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 Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

PKA-R2 β (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

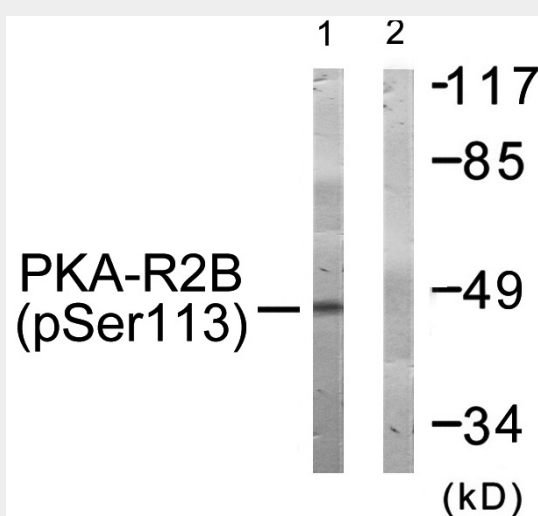
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

PKA-R2 β (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 β (Phospho-Ser113) Antibody - Images



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

PKA-R2 β (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 β (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).