

**PKA II $\alpha$  reg Polyclonal Antibody**  
**Catalog # AP71927****Specification****PKA II $\alpha$  reg Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P13861</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**PKA II $\alpha$  reg Polyclonal Antibody - Additional Information****Gene ID 5576****Other Names**

PRKAR2A; PRK2; PRKAR2; cAMP-dependent protein kinase type II-alpha regulatory subunit

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**PKA II $\alpha$  reg Polyclonal Antibody - Protein Information****Name** PRKAR2A**Synonyms** PRK2, 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**

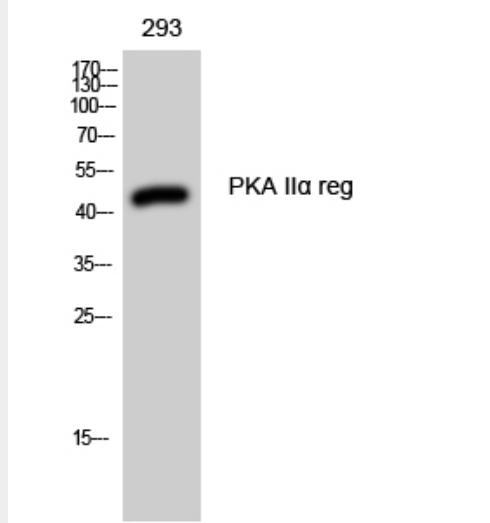
Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

## PKA II $\alpha$ reg Polyclonal 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 II $\alpha$ reg Polyclonal Antibody - Images



Western Blot analysis of 293 cells using PKA II $\alpha$  reg Polyclonal Antibody

## PKA II $\alpha$ reg Polyclonal 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.