10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PKA 2 beta Antibody

Rabbit mAb
Catalog # AP91264

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P31323
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	AI451071; cAMP dependent protein kinase type II beta regulatory chain; Pkarb2; PRKAR2B; Protein kinase cAMP dependent regulatory type II beta; RATDNA; RII beta;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46302

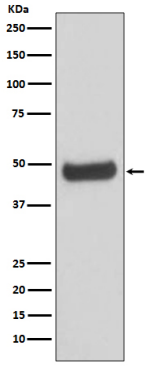
Additional Information

Dilution	WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PKA 2 beta
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.

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

Images



Western blot analysis of PKA 2 beta expression in human fetal brain lysate.