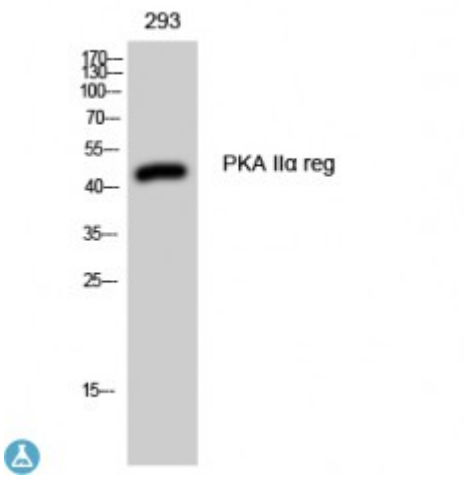
Anti-PKA I alpha reg antibody



Description	Rabbit polyclonal to PKA IIalpha reg.

Model	STJ95109
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human PKA IIalpha reg
Immunogen Region	10-90 aa, Internal
Gene ID	5576
Gene Symbol	PRKAR2A
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	PKA IIalpha reg Polyclonal Antibody detects endogenous levels of PKA IIalpha reg protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	cAMP-dependent protein kinase type II-alpha regulatory subunit
Molecular Weight	45 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9391OMIM:176910
Alternative Names	cAMP-dependent protein kinase type II-alpha regulatory subunit
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 Localization	Cytoplasm Cell membrane. Colocalizes with PJA2 in the cytoplasm and the cell membrane.
Post-translational Modifications	Phosphorylated by the activated catalytic chain.