

KD-Validated Anti-PRKAR2A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1668

Product Information

Application	WB, FC
Primary Accession	P13861
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1265
Calculated MW	45518
Gene Name	PRKAR2A
Aliases	Protein Kinase CAMP-Dependent Type II Regulatory Subunit Alpha; PRKAR2; Protein Kinase, CAMP-Dependent, Regulatory Subunit Type II Alpha; CAMP-Dependent Protein Kinase Type II-Alpha Regulatory Subunit; PKR2; Protein Kinase, CAMP-Dependent, Regulatory, Type II, Alpha; CAMP-Dependent Protein Kinase Regulatory Subunit RII Alpha; Protein Kinase A, RII-Alpha Subunit
Immunogen	A synthesized peptide derived from human PKA R2

Additional Information

Gene ID	5576
Other Names	cAMP-dependent protein kinase type II-alpha regulatory subunit, PRKAR2A, PKR2, PRKAR2

Protein Information

Name	PRKAR2A
Synonyms	PKR2, 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