

Rabbit PKA-R2beta Polyclonal Antibody | anti-PKA-R2beta antibody

PKA-R2beta (Phospho-Ser113) Antibody

CATALOG # AAA318374	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	--	--

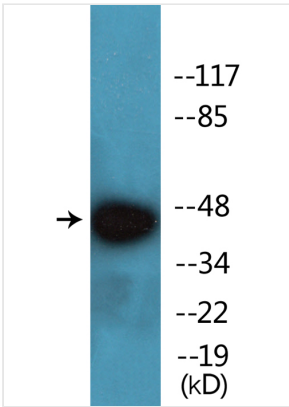
PRODUCT SYNONYMS

PKA-R2beta; Polyclonal Antibody; PKA-R2beta (Phospho-Ser113) Antibody; KAP3; PKA R2-beta; PRKAR2B; cAMP-dependent protein kinase type II-beta regulatory chain; anti-PKA-R2beta antibody

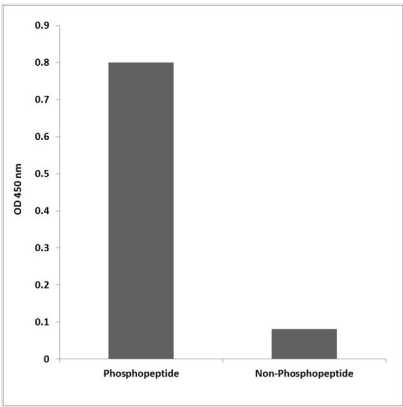
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PKA-R2beta (Phospho-Ser113) Antibody detects endogenous levels of PRKAR2B only when phosphorylated at Ser113.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-PKA-R2beta antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S113; M:S111; R:S111
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human PKA-R2beta around the phosphorylation site of Ser113.
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from COS7 cells treated with PMA 125ng/ml 30', using PKA-R2 beta (Phospho-Ser113) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PKA-R2beta (Phospho-Ser113) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132585
NCBI GeneID	5577
NCBI Accession #	NP_002727.2
NCBI GenBank Nucleotide #	NM_002736.2
UniProt Accession #	P31323; A4D0R9
Molecular Weight	46 kDa
NCBI Official Full Name	cAMP-dependent protein kinase type II-beta regulatory subunit
NCBI Official Synonym Full Names	protein kinase cAMP-dependent type II regulatory subunit beta
NCBI Official Symbol	PRKAR2B
NCBI Official Synonym Symbols	PRKAR2; RII-BETA
NCBI Protein Information	cAMP-dependent protein kinase type II-beta regulatory subunit
UniProt Protein Name	cAMP-dependent protein kinase type II-beta regulatory subunit
UniProt Gene Name	PRKAR2B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.