

PKA RII alpha Monoclonal Antibody | anti-PKARIIalpha antibody

Phospho-PKA RII alpha (Ser99) Rabbit mAb

CATALOG # AAA314435	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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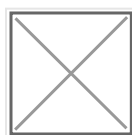
PRODUCT SYNONYMS

PKA RII alpha; Monoclonal Antibody; Phospho-PKA RII alpha (Ser99) Rabbit mAb; PKR2; PRKAR2; anti-PKARIIalpha antibody

PRODUCT SPECIFICATIONS

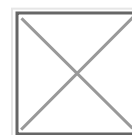
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S05-7G2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-PKARIIalpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser99 of human PKA R2
Conjugation	Unconjugated
Modification	Phosphorylated
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of PKA R2 (Phospho-Ser99) in paraffin-embedded Human tonsil using PKA R2 (Phospho-Ser99) Rabbit mAb at dilution 1/100



WB (Western Blot)

Western blot detection of Phospho-PKA RIIalpha (Ser99) in Rat Brain, C6 cell lysates using Phospho-PKA RIIalpha (Ser99) Rabbit mAb(1:1000 diluted). Predicted band size: 46kDa. Observed band size: 50kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PKARIIalpha antibody	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. SitesFeature keyPosition(s)Description
Product Categories/Family for anti-PKARIIalpha antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758958
NCBI GeneID	5576
NCBI Accession #	NP_004148.1
NCBI GenBank Nucleotide #	NM_004157.2
UniProt Accession #	P13861; Q16823
Molecular Weight	45,518 Da
NCBI Official Full Name	cAMP-dependent protein kinase type II-alpha regulatory subunit
NCBI Official Synonym Full Names	protein kinase, cAMP-dependent, regulatory, type II, alpha
NCBI Official Symbol	PRKAR2A
NCBI Official Synonym Symbols	PKR2; PRKAR2
NCBI Protein Information	cAMP-dependent protein kinase type II-alpha regulatory subunit; protein kinase A, RII-alpha subunit; cAMP-dependent protein kinase regulatory subunit RII alpha
UniProt Protein Name	cAMP-dependent protein kinase type II-alpha regulatory subunit
UniProt Gene Name	PRKAR2A
UniProt Synonym Gene Names	PKR2; PRKAR2
UniProt Entry Name	KAP2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pka-rii-alpha-antibody-clone-s05-7g2-immunohistochemistry-western-blot-elisa/314435>