

Rabbit PRKAR1B Polyclonal Antibody | anti-PRKAR1B antibody

PRKAR1B Antibody

CATALOG # AAA304689	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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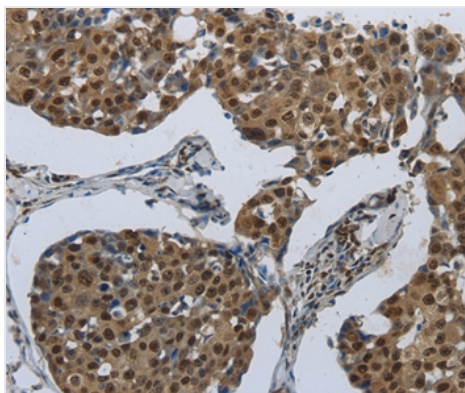
PRODUCT SYNONYMS

PRKAR1B; Polyclonal Antibody; PRKAR1B Antibody; PRKAR1; anti-PRKAR1B antibody

PRODUCT SPECIFICATIONS

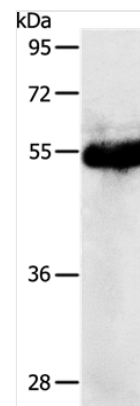
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PRKAR1B protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	381
Applicable Applications for anti-PRKAR1B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Protein kinase, cAMP-dependent, regulatory, type I, beta
Target Name	PRKAR1B
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/70.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human colon cancer tissue Amount of lysate: 40ug per lane Primary antibody: 1/1200 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAR1B antibody	Cyclic AMP-dependent protein kinase A (PKA) is an essential enzyme in the signaling pathway of the second messenger cAMP. Through phosphorylation of target proteins, PKA controls many biochemical events in the cell including regulation of metabolism, ion transport, and gene transcription. The PKA holoenzyme is composed of 2 regulatory and 2 catalytic subunits and dissociates from the regulatory subunits upon binding of cAMP.
Product Categories/Family for anti-PRKAR1B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	258613969
NCBI GeneID	5575
NCBI Accession #	NP_001158230.1
NCBI GenBank Nucleotide #	NM_001164758.1
UniProt Accession #	P31321; Q8N422
Molecular Weight	43,073 Da
NCBI Official Full Name	cAMP-dependent protein kinase type I-beta regulatory subunit
NCBI Official Synonym Full Names	protein kinase, cAMP-dependent, regulatory, type I, beta
NCBI Official Symbol	PRKAR1B
NCBI Official Synonym Symbols	PRKAR1
NCBI Protein Information	cAMP-dependent protein kinase type I-beta regulatory subunit
UniProt Protein Name	cAMP-dependent protein kinase type I-beta regulatory subunit
UniProt Gene Name	PRKAR1B
UniProt Entry Name	KAP1_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://www.aaabiotech.com/polyclonal/prkar1b-antibody-immunohistochemistry-western-blot-elisa/304689>