

Rabbit PKI beta Polyclonal Antibody | anti-PK1beta antibody

Anti-PKI beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291192	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

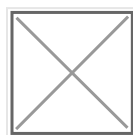
PRODUCT SYNONYMS

PKI beta; Polyclonal Antibody; Anti-PKI beta Antibody; PRKACN2; cAMP-dependent protein kinase inhibitor beta; PKI-beta; anti-PK1beta antibody

PRODUCT SPECIFICATIONS

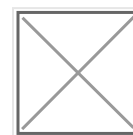
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PK1beta antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



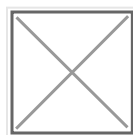
IF (Immunofluorescence)

Dilution: IF: 1/50 - 1/200 Immunofluorescent analysis of PKI beta staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Dilution: IH 1/50 - 1/200 Immunohistochemical analysis of PKI beta staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB 1/500 - 1/1000 Western blot analysis of PKI beta expression in BV2 (A), PC12 (B), U87MG (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PK1beta antibody	Rabbit polyclonal antibody to PKI beta
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NCBI AND UNIPROT INFORMATION

NCBI GI #	393715068
NCBI GeneID	5570

NCBI Accession #	NP_001257322.1
NCBI GenBank Nucleotide #	NM_001270393.1
UniProt Accession #	Q9C010; Q567T9; B2RCK2
Molecular Weight	8,468 Da
NCBI Official Full Name	cAMP-dependent protein kinase inhibitor beta isoform 1
NCBI Official Synonym Full Names	protein kinase (cAMP-dependent, catalytic) inhibitor beta
NCBI Official Symbol	PKIB
NCBI Official Synonym Symbols	PRKACN2
NCBI Protein Information	cAMP-dependent protein kinase inhibitor beta; PKI-beta; cAMP-dependent protein kinase inhibitor 2
UniProt Protein Name	cAMP-dependent protein kinase inhibitor beta
UniProt Gene Name	PKIB
UniProt Synonym Gene Names	PRKACN2; PKI-beta
UniProt Entry Name	IPKB_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/polyclonal/pki-beta-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/291192>