

Rabbit PRKG1 Polyclonal Antibody | anti-PRKG1 antibody

Rabbit anti-PRKG1 Antibody

CATALOG # AAA222332	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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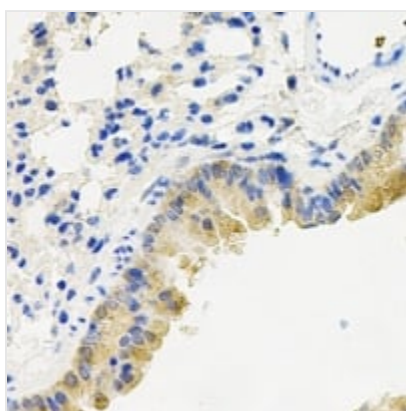
PRODUCT SYNONYMS

PRKG1; Polyclonal Antibody; Rabbit anti-PRKG1 Antibody; PRKG1B; PRKGR1A; PRKGR1B; cGMP-dependent protein kinase 1; cGK 1; cGK1; cGMP-dependent protein kinase I; cGKI; anti-PRKG1 antibody

PRODUCT SPECIFICATIONS

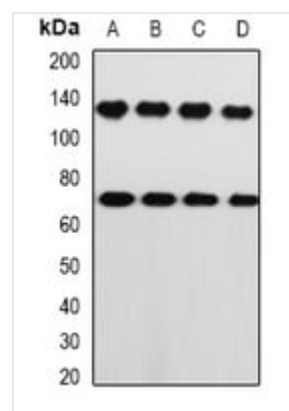
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PRKG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PRKG1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PRKG1 staining in mouse lung 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)

Western blot analysis of PRKG1 expression in A549 (A), PC3 (B), mouse lung (C), mouse heart (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRKG1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148612818
NCBI GeneID	5592
NCBI Accession #	NP_001091982.1
NCBI GenBank Nucleotide #	NM_001098512.2
UniProt Accession #	Q13976; POC605
Molecular Weight	76,364 Da
NCBI Official Full Name	cGMP-dependent protein kinase 1 isoform 1
NCBI Official Synonym Full Names	protein kinase, cGMP-dependent, type I
NCBI Official Symbol	PRKG1
NCBI Official Synonym Symbols	1; PKG; cGK; AAT8; cGK1; cGKI; cGK 1; PRKG1B; PRKGR1B; cGKI-BETA; cGKI-alpha
NCBI Protein Information	cGMP-dependent protein kinase 1; protein kinase, cGMP-dependent, regulatory, type I, beta
UniProt Protein Name	cGMP-dependent protein kinase 1
UniProt Gene Name	PRKG1
UniProt Synonym Gene Names	PRKG1B; PRKGR1A; PRKGR1B; cGK 1; cGK1; cGKI
UniProt Entry Name	KGP1_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/prkg1-antibody-immunohistochemistry-western-blot-elisa/222332>