

Rabbit anti-Human, Mouse cGK 2 Polyclonal Antibody | anti-PRKG2 antibody

Anti-cGK 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260889	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

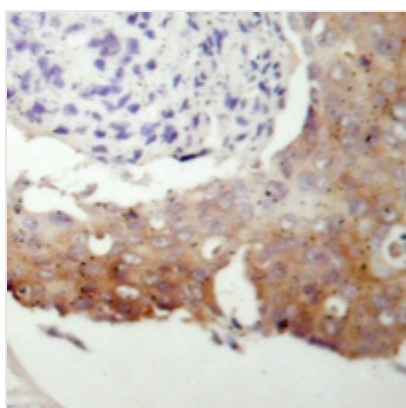
PRODUCT SYNONYMS

cGK 2; Polyclonal Antibody; Anti-cGK 2 Antibody; PRKGR2; cGMP-dependent protein kinase 2; cGK2; cGMP-dependent protein kinase II; cGKII; anti-PRKG2 antibody

PRODUCT SPECIFICATIONS

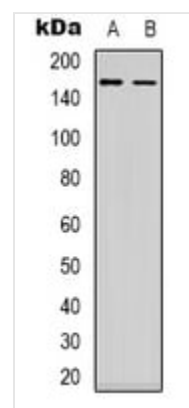
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of cGK 2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	762
Applicable Applications for anti-PRKG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human cGK 2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of cGK 2 staining in human prostate cancer 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 cGK 2 expression in A549 (A), NIH3T3 (B), HEK293T (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKG2 antibody	Rabbit polyclonal antibody to cGK 2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6226833
NCBI GeneID	5593
UniProt Accession #	Q13237; O00125; O60916; B4DMX3; E7EPE6
Molecular Weight	84,398 Da
NCBI Official Full Name	cGMP-dependent protein kinase 2
NCBI Official Synonym Full Names	protein kinase, cGMP-dependent, type II
NCBI Official Symbol	PRKG2
NCBI Official Synonym Symbols	cGK2; cGKII; PRKGR2
NCBI Protein Information	cGMP-dependent protein kinase 2
UniProt Protein Name	cGMP-dependent protein kinase 2
UniProt Gene Name	PRKG2
UniProt Synonym Gene Names	PRKGR2; cGK 2; cGK2; cGKII
UniProt Entry Name	KGP2_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/cgk-2-antibody-immunohistochemistry-western-blot-elisa/260889>