

Rabbit PRKG2 Polyclonal Antibody | anti-PRKG2 antibody

PRKG2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281970	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

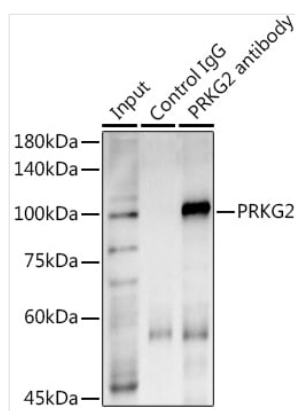
PRODUCT SYNONYMS

PRKG2; Polyclonal Antibody; PRKG2 Rabbit pAb; PRKGR2; cGK2; cGKII; anti-PRKG2 antibody

PRODUCT SPECIFICATIONS

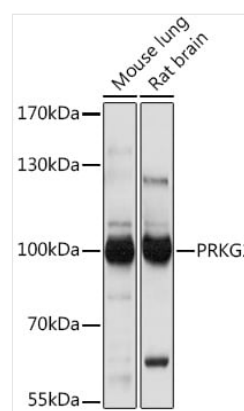
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PRKG2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human PRKG2.
Cellular Location	Apical cell membrane, Lipid-anchor
Positive Samples	Mouse lung, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 600ug extracts of Mouse lung using 3ug PRKG2 antibody . Western blot was performed from the immunoprecipitate using PRKG2 antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PRKG2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKG2 antibody	Background: This gene encodes a protein that belongs to the serine/threonine protein kinase family of proteins. The encoded protein plays a role in the regulation of fluid balance in the intestine. A similar protein in mouse is thought to regulate differentiation and proliferation of cells in the colon. Alternate splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453978
NCBI GeneID	5593
NCBI Accession #	NP_006250.1
NCBI GenBank Nucleotide #	NM_006259.1
UniProt Accession #	Q13237; O00125; O60916
Molecular Weight	87,432 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	cGKII; PRKGR2
NCBI Protein Information	cGMP-dependent protein kinase 2; cGK2; cGK 2; cGMP-dependent protein kinase II
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/prkg2-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/281970>