



GRK 6 Polyclonal Antibody

Catalog No	BYab-14767
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	GRK6
Protein Name	G protein-coupled receptor kinase 6
Immunogen	The antiserum was produced against synthesized peptide derived from human GRK6. AA range:10-59
Specificity	GRK 6 Polyclonal Antibody detects endogenous levels of GRK 6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GRK6; GPRK6; G protein-coupled receptor kinase 6; G protein-coupled receptor kinase GRK6
Observed Band	65kD
Cell Pathway	Membrane; Lipid-anchor.
Tissue Specificity	Widely expressed.
Function	catalytic activity:ATP + [G-protein-coupled receptor] = ADP + [G-protein-coupled receptor] phosphate.,function:Specifically phosphorylates the activated forms of G protein-coupled receptors.,PTM:It is uncertain whether palmitoylation is on Cys-561 and/or Cys-562 and/or Cys-565.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 RGS domain.,tissue specificity:Widely expressed.,

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Background

This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

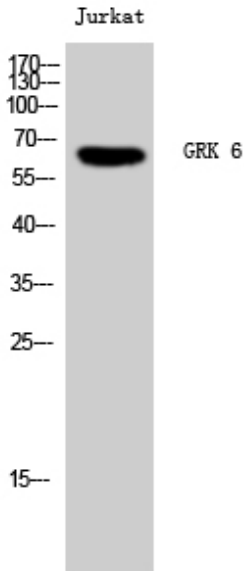
Avoid repeated freezing and thawing!

Usage suggestions

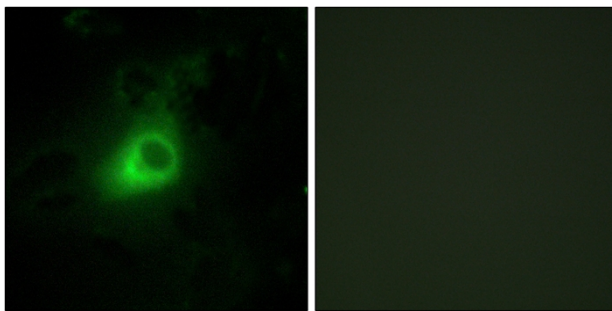
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



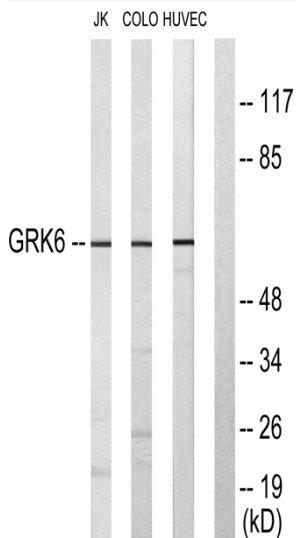
Products Images



Western Blot analysis of Jurkat cells using GRK 6 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using GRK6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, COLO205, and HUVEC cells, using GRK6 Antibody. The lane on the right is blocked with the synthesized peptide.