

GRK 7 Polyclonal Antibody

Catalog No :	YT2072
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	GRK 7
Fields :	>>Chemokine signaling pathway;>>Endocytosis;>>Phototransduction
Gene Name :	GRK7
Protein Name :	G protein-coupled receptor kinase 7
Human Gene Id :	131890
Human Swiss Prot No :	Q8WTQ7
Immunogen :	The antiserum was produced against synthesized peptide derived from human GRK7. AA range:371-420
Specificity :	GRK 7 Polyclonal Antibody detects endogenous levels of GRK 7 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	62kD

Cell Pathway : Chemokine;Endocytosis;

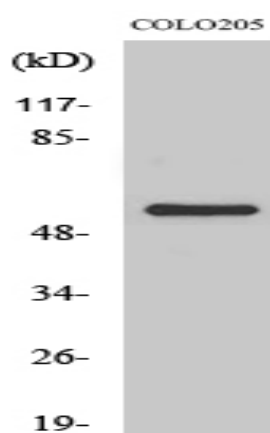
Background : This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. It is specifically expressed in the retina and the encoded protein has been shown to phosphorylate cone opsins and initiate their deactivation. [provided by RefSeq, Jul 2008],

Function : catalytic activity:ATP + [G-protein-coupled receptor] = ADP + [G-protein-coupled receptor] phosphate.,function:Phosphorylates cone opsins thereby initiating their deactivation.,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:Retina. Cones and rod.,

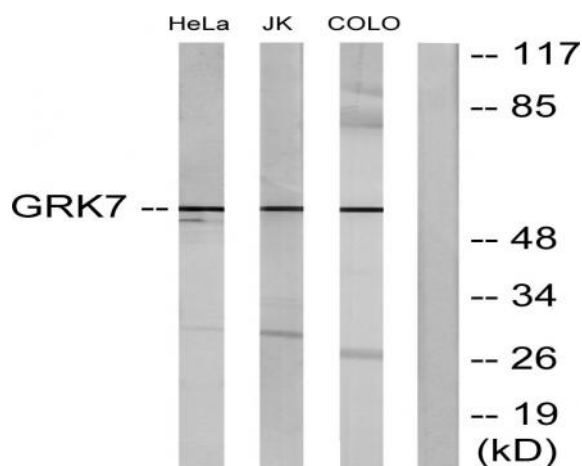
Subcellular Location : Membrane ; Lipid-anchor .

Expression : Retinal cones, outer and inner segments.

Products Images



Western Blot analysis of various cells using GRK 7 Polyclonal Antibody



Western blot analysis of lysates from COLO205, Jurkat, and HeLa cells, using GRK7 Antibody. The lane on the right is blocked with the synthesized peptide.