

For Research Use Only

# GRK1 Polyclonal antibody, PBS Only

Catalog Number: 24606-1-PBS



## Basic Information

Catalog Number:

24606-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18063

GenBank Accession Number:

BC140945

GeneID (NCBI):

6011

UNIPROT ID:

Q15835

Full Name:

G protein-coupled receptor kinase 1

Calculated MW:

563 aa, 64 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF-P, IP, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

GRK1 (G protein-coupled receptor kinase 1) is also named as RHOK, RK, GPRK1, and belongs to the AGC Ser/Thr protein kinase family. It is involved in quenching of light-induced signal transduction in the photoreceptor. GRK1 is a photoreceptor-specific enzyme that mediates adaptation of photoreceptors to light and protects these cells against light-induced injury.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

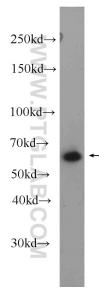
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

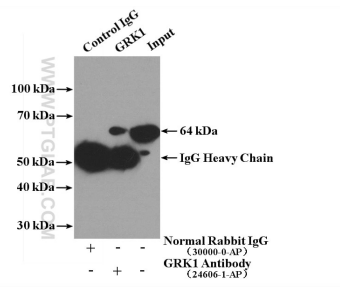
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

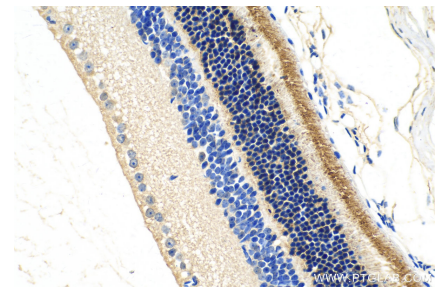
## Selected Validation Data



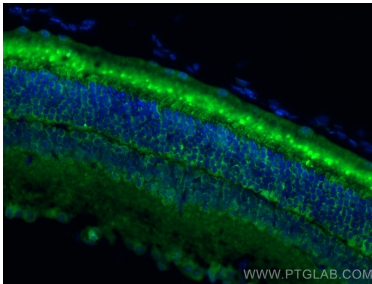
Y79 cells were subjected to SDS PAGE followed by western blot with 24606-1-AP (GRK1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24606-1-PBS in a different storage buffer formulation.



IP result of anti-GRK1 (IP:24606-1-AP, 4ug; Detection:24606-1-AP 1:500) with Y79 cells lysate 1240ug. This data was developed using the same antibody clone with 24606-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 24606-1-AP (GRK1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24606-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using GRK1 antibody (24606-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 24606-1-PBS in a different storage buffer formulation.