# **GRK1** Rabbit pAb

Catalog No.: A2966



## **Basic Information**

#### **Observed MW**

64kDa

#### **Calculated MW**

64kDa

#### Category

Primary antibody

### **Applications**

ELISA,WB,IHC-P

#### **Cross-Reactivity**

Human, Mouse, Rat

## **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 rhodopsin and initiates its deactivation. Defects in GRK1 are known to cause Oguchi disease 2 (also known as stationary night blindness Oguchi type-2).

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

# **Immunogen Information**

**Gene ID**Swiss Prot
6011
Q15835

#### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to a mino acids 1-160 of human GRK1 (NP\_002920.1).

## **Synonyms**

RK; RHOK; GPRK1; GRK1

### **Contact**

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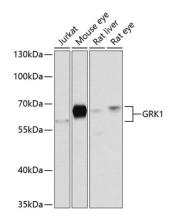
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.



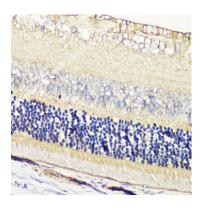
Western blot analysis of various lysates using GRK1 Rabbit pAb (A2966) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffinembedded rat retina using GRK1 Rabbit pAb (A2966) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.