Rhodopsin kinase (GRK1) Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 251453
Unit: 0.1 mg

Description:
G protein-coupled receptor kinase 1 (GRK1, rhodopsin kinase) phosphorylates rhodopsin thereby initiating its deactivation. This rapid desensitization is essential for scotopic vision and permits rapid adaptation to changes in illumination. Defects in GRK1 are a cause of congenital stationary night blindness Oguchi type 2 (CSNBO2). It is a non-progressive retinal disorder characterized by impaired night vision, often associated with nystagmus and myopia.

Isotype: Rabbit Ig
Applications: E, WB, IHC, IP
Species Reactivity: H, M, R, B, Ck
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: GRK1; G protein-coupled receptor kinase 1; Rhodopsin kinase; RK; RHOK
Accession No.: Q15835

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GRK1.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.