For research purposes only, not for human use

Product Data Sheet

Anti-GRK1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2875	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to GRK1
Immunogen	KLH-conjugated synthetic peptide of human GRK1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GRK1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	GRK1
Alternative Names	RHOK; Rhodopsin kinase; RK; G protein-coupled receptor kinase 1
Entrez Gene	6011 (Human); 81760 (Rat)
SwissProt	Q15835 (Human); Q9WVL4 (Mouse); Q63651 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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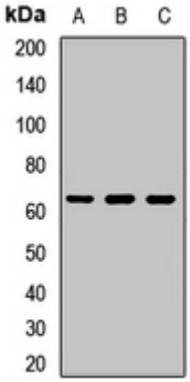
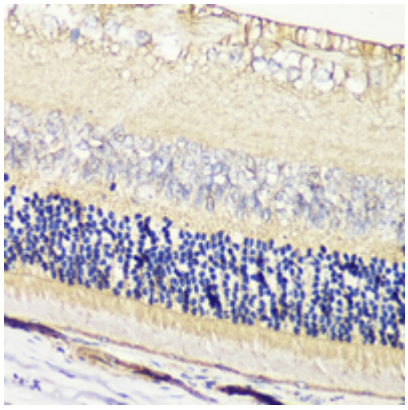


Western blot analysis of GRK1 expression in Jurkat (A), mouse eye (B), rat liver (C) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 64 kD)



Immunohistochemical analysis of GRK1 staining in rat retina formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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