GRK1 Conjugated Antibody

Catalog No: #C36915

Package Size: #C36915-AF350 100ul #C36915-AF405 100ul #C36915-AF488 100ul #C36915-AF555 100ul #C36915-AF594 100ul #C36915-AF647 100ul #C36915-AF680 100ul #C36915-AF750 100ul #C36915-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GRK1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GRK1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human G protein-coupled receptor kinase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RK; RHOK; GPRK1
Accession No.	Swiss-Prot#:Q15835NCBI Gene ID:6011NCBI Protein#:NP_002920
Uniprot	Q15835
GeneID	6011;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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).

Note: This product is for in vitro research use only