



Anti-RHO (aa 150-250) polyclonal antibody (DPABH-02664)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Photoreceptor required for image-forming vision at low light intensity. Required for photoreceptor cell viability after birth. Light-induced isomerization of 11-cis to all-trans retinal triggers a conformational change leading to G-protein activation and release of all-trans retinal.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human Rhodopsin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	RHO rhodopsin [Homo sapiens]
Official Symbol	RHO
Synonyms	RHO; rhodopsin; RP4; OPN2; CSNBAD1; opsin-2; opsin 2, rod pigment;
Entrez Gene ID	6010
Protein Refseq	NP_000530.1
UniProt ID	P08100
Pathway	Activation of the phototransduction cascade; Disease; G alpha (i) signalling events; GPCR ligand binding
Function	G-protein coupled receptor activity; metal ion binding; photoreceptor activity; protein binding