



Anti-Rhodopsin (aa 338-348) polyclonal antibody (DPATB-H81954)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Rhodopsin Polyclonal Antibody
Target	Rhodopsin
Immunogen	Synthetic peptide: C-SKTETSQVAPA, corresponding to amino acids 338-348 of Cow Rhodopsin. C-SKTETSQVAPA Run BLAST with Run BLAST with
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Membrane. Synthesized in the inner segment (IS) of rod photoreceptor cells before vectorial transport to the rod outer segment (OS) photosensory cilia.
Format	Liquid
Size	100 µg
Buffer	PBS, 1 mg/ml BSA and 0.05% sodium azide
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

BACKGROUND

Introduction

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

Keywords

CSNBAD1,MGC138309,MGC138311,OPN 2,OPN2,opsd,OPSD_HUMAN,Opsin 2,opsin 2,Opsin3rod pigment,Opsin-2,Opsin2,Retinitis Pigmentosa 4,Retinitis pigmentosa5autosomal dominant,RHO,Rhodopsin,RP 4,RP4,
