

Anti-Human RRH Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05551

3th Edition

Description: Opsins are members of the guanine nucleotide-binding protein (G protein)-coupled receptor superfamily. This gene belongs to the seven-exon subfamily of mammalian opsin genes that includes opsin 5 and retinal G protein coupled receptor. RRH (Retinal Pigment Epithelium-Derived Rhodopsin Homolog) is a Protein Coding gene. Diseases associated with RRH include Retinitis Pigmentosa 29 and Retinitis Pigmentosa, X-Linked Recessive, 6. Among its related pathways are Peptide ligand-binding receptors and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity and photoreceptor activity. An important paralog of this gene is OPN4.

Antigen: Synthesized peptide derived from the Internal region of human Peropsin

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Found only in the eye, where it is localized to the retinal pigment epithelium (RPE). In the RPE, it is localized to the microvilli that surround the photoreceptor outer segments.