10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-RRH Antibody

Catalog # AP61357

Product Information

Application	WB, IHC
Primary Accession	O14718
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37423

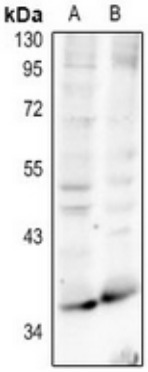
Additional Information

Gene ID	10692
Other Names	Visual pigment-like receptor peropsin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RRH. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

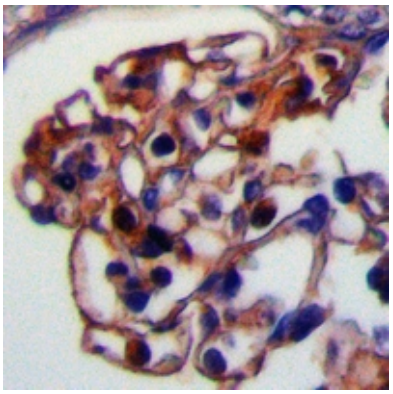
Protein Information

Name	RRH (HGNC:10450)
Function	Opsin-family protein localized to the apical microvilli of the retinal pigment epithelium (RPE), where it may participate in retinoid exchange between photoreceptors and RPE or light-dependent retinoid processing. Although it possesses the structural features of a GPCR, no evidence for canonical G protein activation in vivo has been reported.
Cellular Location	Membrane; Multi-pass membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:O35214}; Multi-pass membrane protein. Note=Localized to the apical microvilli of RPE cells {ECO:0000250|UniProtKB:O35214}

Images



Western blot analysis of RRH expression in MCF7 (A), PC3 (B) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)



Immunohistochemical analysis of RRH staining in human kidney cancer 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.