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Peropsin Polyclonal Antibody

Catalog # AP71851

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	O14718
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37423

Additional Information

Gene ID	10692
Other Names	RRH; Visual pigment-like receptor peropsin
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

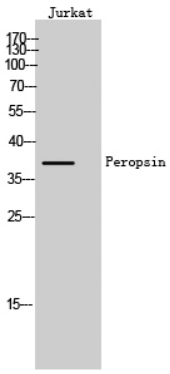
Protein Information

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}

Background

May play a role in rpe physiology either by detecting light directly or by monitoring the concentration of retinoids or other photoreceptor-derived compounds.

Images



Western Blot analysis of Jurkat cells using Peropsin Polyclonal Antibody

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