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

RGR Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10250

Specification

RGR Antibody (Extracellular Domain) - Product Information

Application	**IHC-P**
Primary Accession	P47804
Reactivity	**Human, Monkey, Horse, Xenopus**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**32kDa KDa**
Dilution	**IHC-P~~N/A**

RGR Antibody (Extracellular Domain) - Additional Information

Gene ID 5995

Other Names
RPE-retinal G protein-coupled receptor, RGR

Target/Specificity
Human RGR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
RGR Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

RGR Antibody (Extracellular Domain) - Protein Information

Name RGR

Function
Receptor for all-trans- and 11-cis-retinal. Binds preferentially to the former and may catalyze the isomerization of the chromophore by a retinochrome-like mechanism.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Preferentially expressed at high levels in the retinal pigment epithelium (RPE) and Mueller cells of the neural retina

Volume

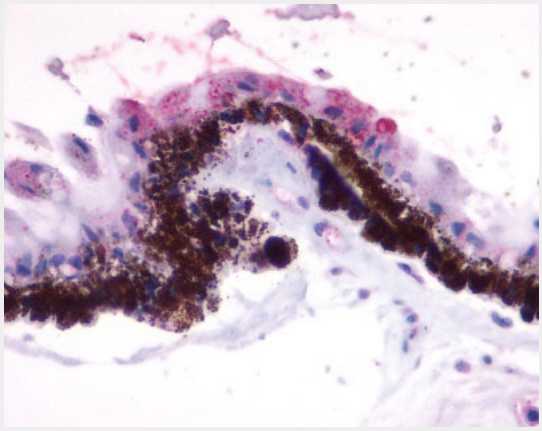
70 µl

RGR Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RGR Antibody (Extracellular Domain) - Images



Anti-RGR antibody ALS10250 IHC of human eye, pigmented epithelium within the retina.

RGR Antibody (Extracellular Domain) - Background

Receptor for all-trans- and 11-cis-retinal. Binds preferentially to the former and may catalyze the isomerization of the chromophore by a retinochrome-like mechanism.

RGR Antibody (Extracellular Domain) - References

Shen D.,et al.Biochemistry 33:13117-13125(1994).
Deloukas P.,et al.Nature 429:375-381(2004).
Morimura H.,et al.Nat. Genet. 23:393-394(1999).