RPGRIP1 Rabbit pAb

Catalog NO.: A24517

Basic Information

Observed MW
Refer to figures

Calculated MW
66kDa/70kDa/74kDa/76kDa/103kDa/146kDa

Category
Polyclonal Antibodies

Applications
IF-P, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Background

This gene encodes a photoreceptor protein that interacts with retinitis pigmentosa GTPase regulator protein and is a key component of cone and rod photoreceptor cells. Mutations in this gene lead to autosomal recessive congenital blindness.

Recommended Dilutions

IF-P 1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
57096

Swiss Prot
Q96KN7

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
RPGRIP1; CORD13; LCA6; RGI1; RGRIP; RPGRIP; RPGRIP1d; retinitis pigmentosa GTPase regulator interacting protein 1

Contact

Product Information

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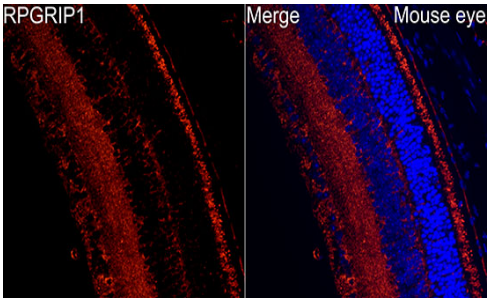
Source
Rabbit

Isotype
IgG

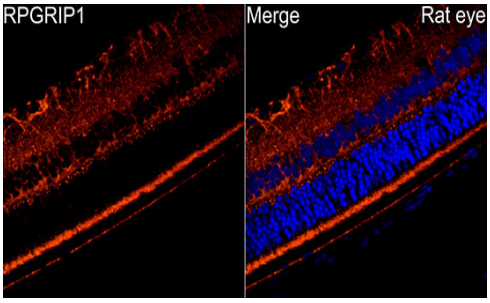
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of paraffin-embedded mouse eye using RPGRIP1 Rabbit pAb (A24517) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.Immunofluorescence analysis of paraffin-embedded rat eye using RPGRIP1 Rabbit pAb (A24517) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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