

GUCY2F Rabbit pAb

Catalog No.: A14242

Basic Information

Observed MW

125kDa

Calculated MW

125kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene is a guanylyl cyclase found predominantly in photoreceptors in the retina. The encoded protein is thought to be involved in resynthesis of cGMP after light activation of the visual signal transduction cascade, allowing a return to the dark state. This protein is a single-pass type I membrane protein. Defects in this gene may be a cause of X-linked retinitis pigmentosa.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2986

Swiss Prot

P51841

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-460 of human GUCY2F (NP_001513.2).

Synonyms

CYGF; GC-F; GUC2F; GUC2DL; RETGC-2; ROS-GC2; GUCY2F

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

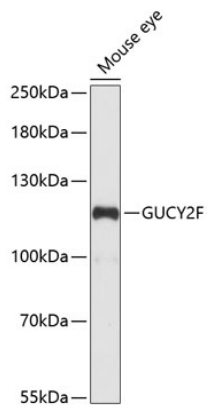
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from mouse eye, using GUCY2F Rabbit pAb (A14242) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.