

Anti-HRG4(Retinal protein 4) Polyclonal Antibody

Cat. #: 60B134

Description:

The retinal protein 4 gene is specifically expressed in the photoreceptors in the retina. The retinal protein 4 shares strong homology with the C. elegans unc119 protein and it can functionally complement the C.elegans unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human HRG4(Retinal protein 4)

References

Cen,O., et al, J. Biol. Chem. 278 (10), 8837-8845 (2003)
Higashide,T. and Inana,G., Genomics 57 (3), 446-450 (1999)
Swanson,D.A., et al, Invest. Ophthalmol. Vis. Sci. 39 (11), 2085-2094 (1998)
Higashide,T., et al, Invest. Ophthalmol. Vis. Sci. 39 (5), 690-698 (1998)
Higashide,T., et al, J. Biol. Chem. 271 (3), 1797-1804 (1996)

Clone Number:

Isotype:

Species: human, mouse, rat

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)