

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)