

Product Datasheet

Rhodopsin Antibody

Catalog No: CY6760

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P08100

All Names: CSNBAD1; OPN2; opsd; Opsin 2 rod pigment; Opsin2; Retinitis pigmentosa 4 autosomal dominant; RHO; Rhodopsin; RP4;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 39kDa

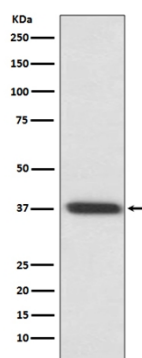
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

Photoreceptor required for image-forming vision at low light intensity. Required for photoreceptor cell viability after birth. Light-induced isomerization of 11-cis to all-trans retinal triggers a conformational change leading to G-protein activation and release of all-trans retinal.



Western blot analysis of Rhodopsin expression in rat eyeball lysate.

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