

Rhodopsin Antibody

Rabbit mAb

Catalog # AP91190

Product Information

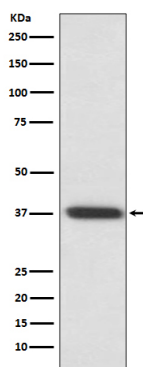
Application	WB, IHC
Primary Accession	P08100
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	CSNBAD1; OPN2; opsd; Opsin 2 rod pigment; Opsin2; Retinitis pigmentosa 4 autosomal dominant; RHO; Rhodopsin; RP4;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39 KDa

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Rhodopsin
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images



Western blot analysis of Rhodopsin expression in rat eyeball lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.