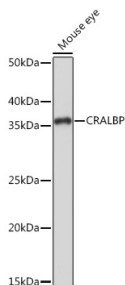


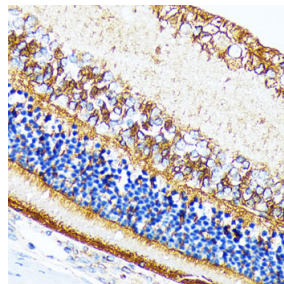
Cat. No:	MAB-94793
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC1502
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CRALBP
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry(paraffin-embedded tissues): 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	36kDa
Purification:	Affinity purification
Synonyms:	CRALBP
Background:	The protein encoded by this gene is a 36-kD water-soluble protein which carries 11-cisretinaldehyde or 11-cis-retinal as physiologic ligands. It may be a functional component of the visual cycle. Mutations of this gene have been associated with severe rod-cone dystrophy, Bothnia dystrophy (nonsyndromic autosomal recessive retinitis pigmentosa) and retinitis punctata albescens.
Form:	Liquid
Buffer:	36kDa
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.



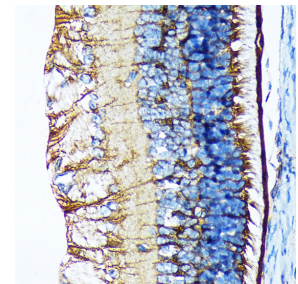
Western blot analysis of extracts of Mouse eye, using CRALBP Rabbit mAb at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

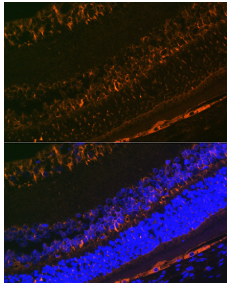
Detection: ECL West Pico Plus.
Exposure time: 1s.



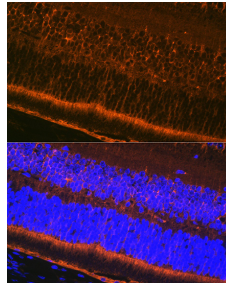
Immunohistochemistry analysis of paraffin-embedded rat retina using CRALBP Rabbit mAb at dilution of n1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse retina using CRALBP Rabbit mAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat eye using CRALBP Rabbit mAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse eye using CRALBP Rabbit mAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

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