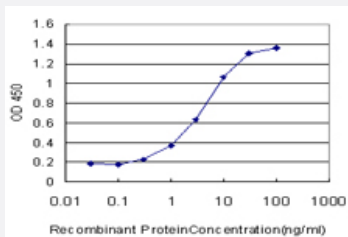


RLBP1 monoclonal antibody (M01), clone 1H7

Catalog # H00006017-M01

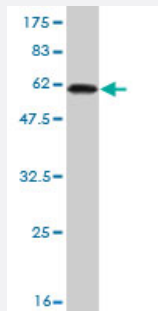
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLBP1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (60.61 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant RLBP1.

Immunogen

RLBP1 (AAH04199, 1 a.a. ~ 317 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MSEGVGTFRMPVEEEQELRAQLEQLTTKDHGPVFGPCSQLPRHTLQKAKDELNEREETREEAV
RELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRFRARKFNVGRAYELLRGYVNFRLQYPEL
FDSLSPAVRCTIEAGYPGVLSSRDKYGRVVMLFNENWQSQEITFDEILQAYCFLEKLLNEETQI
NGFCIIENFKGFTMQQAASLRSDLRKMVDMLQDSFPARFKAIHFHQWPYFTTTYNVVKPFLKSK
LLERVVHGDLDLGSFYQEIDENILPSDFGGTLPKYDGKAVAEQLFGPQAQAENTAF

Host

Mouse

Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.61 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLBP1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RLBP1

Entrez GeneID	6017
GeneBank Accession#	BC004199
Protein Accession#	AAH04199
Gene Name	RLBP1
Gene Alias	CRALBP, MGC3663
Gene Description	retinaldehyde binding protein 1
Omim ID	136880 180090 268000 607475 607476
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a 36-kD water-soluble protein which carries 11-cis-retinaldehyde 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. [provided by RefSeq]

Other Designations

cellular retinaldehyde-binding protein-1|retinaldehyde-binding protein 1

Disease

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)