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Produktinformation

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Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RBP3 polyclonal antibody (A01)

Catalog # : H00005949-A01 **規格 :** [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant RBP3.

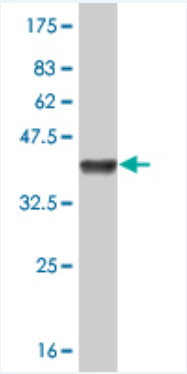
Immunogen: RBP3 (NP_002891, 1149 a.a. ~ 1246 a.a) partial recombinant protein with GST tag.

Sequence: GTAEEFTYIMKRLGRALVIGEVTSGGCQPPQTYHVDDTNLYLTIPTARSV GASDGSSWEGVGVTPHVVVPAEEALARAKEMLQHNQLRVKRSPGLQD H

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.89 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: Download

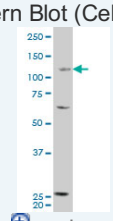
Datasheet: Download

Applications

Western Blot (Cell lysate)

Application Image

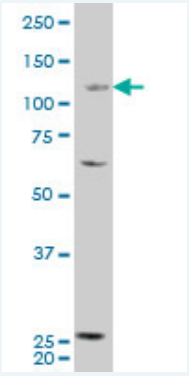
Western Blot (Cell lysate)



enlarge

Western Blot (Recombinant protein)

ELISA



RBP3 polyclonal antibody (A01), Lot # 061122JCS1 Western Blot analysis of RBP3 expression in 293 (Cat # L026V1).

Protocol Download

Western Blot (Recombinant protein)

Protocol Download

ELISA

Gene Information

Entrez GeneID:	5949
GeneBank Accession#:	NM_002900
Protein Accession#:	NP_002891
Gene Name:	RBP3
Gene Alias:	D10S64,D10S65,D10S66,IRBP,RBPI
Gene Description:	retinol binding protein 3, interstitial
Omim ID:	180290
Gene Ontology:	Hyperlink
Gene Summary:	Interphotoreceptor retinol-binding protein is a large glycoprotein known to bind retinoids and found primarily in the interphotoreceptor matrix of the retina between the retinal pigment epithelium and the photoreceptor cells. It is thought to transport retinoids between the retinal pigment epithelium and the photoreceptors, a critical role in the visual process.The human IRBP gene is approximately 9.5 kbp in length and consists of four exons separated by three introns. The introns are 1.6-1.9 kbp long. The gene is transcribed by photoreceptor and retinoblastoma cells into an approximately 4.3-kilobase mRNA that is translated and processed into a glycosylated protein of 135,000 Da. The amino acid sequence of human IRBP can be divided into four contiguous homology domains with 33-38% identity, suggesting a series of gene duplication events. In the gene, the boundaries of these domains are not defined by exon-intron junctions, as might have been expected. The first three homology domains and part of the fourth are all encoded by the first large exon, which is 3,180 base pairs long. The remainder of the fourth domain is encoded in the last three exons, which are 191, 143, and approximately 740 base pairs long, respectively. [provided by RefSeq
Other Designations:	OTTHUMP00000019536,interphotoreceptor retinoid-binding protein,retinol-binding protein 3,retinol-binding protein 3, interstitial

Related Disease

Retinal Dystrophies Retinitis Pigmentosa