

RBP4 rabbit monoclonal antibody

Catalog # H00005950-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RBP4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RBP4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RBP4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — RBP4

Entrez GeneID [5950](#)

GeneBank Accession# [RBP4](#)

Gene Name RBP4

Gene Alias -

Gene Description retinol binding protein 4, plasma

Omim ID [180250](#)

Gene Ontology [Hyperlink](#)

Gene Summary This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells. [provided by RefSeq]

Other Designations OTTHUMP00000020114|OTTHUMP00000020116|retinol-binding protein 4, interstitial|retinol-binding protein 4, plasma

Disease

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- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
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- [Insulin Resistance](#)
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- [Prediabetic State](#)