

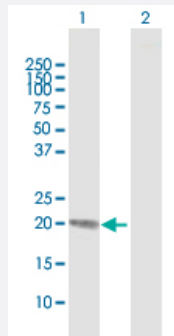
MaxPab®

RBP4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005950-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RBP4 expression in transfected 293T cell line ([H00005950-T01](#)) by RBP4 MaxPab polyclonal antibody.

Lane 1: RBP4 transfected lysate(23.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RBP4 protein.
Immunogen	RBP4 (NP_006735.2, 1 a.a. ~ 201 a.a) full-length human protein.
Sequence	MKWWWALLLLAALGSGRAERDCRVSSFRVKENFDKARFSGTWYAMAKKDPEGLFLQDNVAEF SVDETGQMSATAKGRVRLNNDVCADMVGTFTDTEPAKFKMKYWGVASFLQKGNDHWHV DTDYDTYAVQYSCRLNLDGTCADSYSFVFSRDPNGLPPEAQKIVRQRQEELCLARQYRLIHNG YCDGRSERNLL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — RBP4

Entrez GeneID [5950](#)

GeneBank Accession# [NM_006744.3](#)

Protein Accession# [NP_006735.2](#)

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

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
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