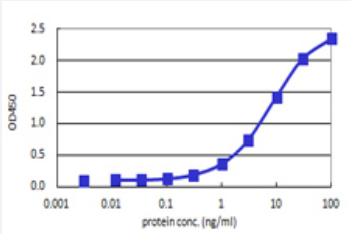
RBP4 (Human) Matched Antibody Pair

Catalog # H00005950-AP44 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.03 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human RBP4.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00005950-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.03 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-RBP4, IgG1 Kappa (100 ug) 2. Detection antibody: biotinylated mouse monoclonal anti-RBP4, IgG1 Lambda (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

Protocol Download

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Gene Info — RBP4

Entrez GeneID	5950
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
- Insulin Resistance
- Metabolic Syndrome X
- Neoplasms

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- Obesity
- Osteoporosis
- Prediabetic State

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