

Datasheet for ABIN1169045
anti-RBP4 antibody (Biotin)



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1 Image

Overview

Quantity:	50 µg
Target:	RBP4
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBP4 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant rat RBP4.
Specificity:	Recognizes rat RBP4. Detects a band of ~22-25 kDa by Western blot.
Cross-Reactivity:	Rat (Rattus)
Sterility:	0.2 µm filtered

Target Details

Target:	RBP4
Alternative Name:	RBP4 (RBP4 Products)
Background:	Retinol binding protein 4 (RBP4, RBP) is a 21 kDa secreted protein, a member of the lipocalin family and is known as the primary transporter of retinol (vitamin A) to tissues. A recent report revealed RBP4 as an adipokine linking glucose transporter 4 (GLUT4) suppression in adipose tissue to insulin. Elevated human and mouse serum RBP4 levels are associated with insulin

Target Details

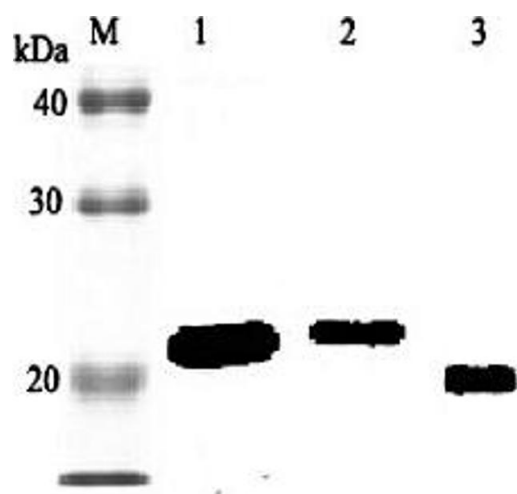
	resistance and its severity, obesity, and certain components of metabolic syndrome. Furthermore, human serum RBP4 levels are closely related to renal function.
UniProt:	P04916
Pathways:	Regulatory RNA Pathways , Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis using anti-RBP4 (rat), pAb (Biotin) at 1:2'000 dilution. 1: Rat RBP4 (His-tagged). 2: Rat RBP4 (FLAG ® -tagged). 2: Rat serum (GK/Slc) (1µl).