

Datasheet for ABIN1169043

anti-RBP4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RBP4
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBP4 antibody is un-conjugated
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

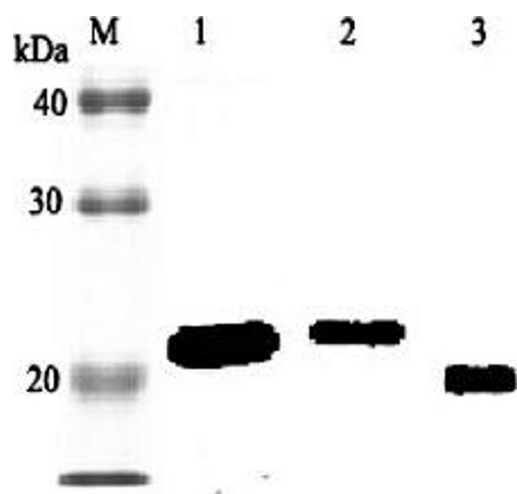
Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

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 at 1:2'000 dilution. 1: Rat RBP4 (His-tagged). 2: Rat RBP4 (FLAG ® -tagged). 2: Rat serum (GK/Slc) (1µl).