

Datasheet for ABIN288464
anti-Resistin antibody (Biotin)



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Overview

Quantity:	50 µg
Target:	Resistin (RETN)
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Resistin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Resistin antibody (biotin) was raised in goat using highly pure recombinant murine resistin as the immunogen.
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Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
Background:	Resistin belongs to a family of tissue-specific cytokines termed FIZZ (found in inflammatory zones) and RELM. The three known members of this family, Resistin, RELM-alpha and RELM-beta share a highly conserved C-terminal domain, characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X-C-X9-C-C. Resistin is an adipose-derived cytokine (adipokine) whose physiological function and molecular targets are largely unknown. Studies have shown that Resistin suppresses insulin's ability to stimulate glucose uptake, and postulated that Resistin might be an important link between obesity and Type 2

Target Details

	diabetes. Other studies have indicated that Resistin expression is severely suppressed in obesity and that it may act as a feedback regulator of Adipogenesis.
Molecular Weight:	20.2 kDa (predicted detection band MW)
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	ELISA: 0.25-1 µg/mL, WB: 0.1-0.2 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile PBS with 0.1 % BSA to a concentration of at least 50 µg/mL
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.