

Anti-Resistin Antibody

Catalog # ABO10792

Product Information

Application	WB, IHC-P
Primary Accession	Q99P87
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Resistin(RETN) detection. Tested with WB, IHC-P in Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	57264
Other Names	Resistin, Adipose tissue-specific secretory factor, ADSF, Adipose-specific cysteine-rich secreted protein A12-alpha, Cysteine-rich secreted protein FIZZ3, Retn, Fizz3
Calculated MW	12492
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, By Heat Western blot, 0.1-0.5 µg/ml, Mouse
Subcellular Localization	Secreted.
Tissue Specificity	Expressed in white but not brown adipose tissue in a variety of organs.
Source	Eukaryota
Protein Name	Resistin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Resistin(93-114aa CHCQCARIDWTAARCKLQVAS).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

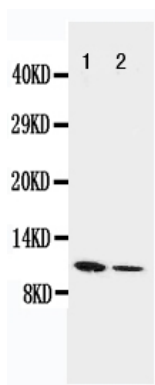
Protein Information

Name	Retn
Synonyms	Fizz3
Function	Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes.
Cellular Location	Secreted.
Tissue Location	Expressed in white but not brown adipose tissue in a variety of organs.

Background

Resistin, also known as adipose tissue-specific secretory factor(ADSF) or C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein(XCP1) is a cysteine-rich protein that in humans is encoded by the RETN gene. The resistin gene comprises 4 exons, the first of which is untranslated, and spans approximately 1,750 bp. The human resistin gene is localized to a cloned fragment of human chromosome 19. In primates, pigs and dogs, resistin is secreted by immune and epithelial cells while in rodents, it is secreted by adipose tissue. Resistin is a cytokine whose physiologic role has been the subject of much controversy regarding its involvement with obesity and type II diabetes mellitus.

Images



Anti-Resistin antibody, ABO10792, Western blotting
Lane 1: Recombinant Mouse Resistin Protein 10ng
Lane 2: Recombinant Mouse Resistin Protein 5ng

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.