

Anti-Resistin Picoband Antibody
Catalog # ABO12102**Specification**

Anti-Resistin Picoband Antibody - Product Information

Application	WB
Primary Accession	Q9HD89
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Resistin(RETN) detection. Tested with WB, ELISA in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Resistin Picoband Antibody - Additional Information

Gene ID 56729

Other Names

Resistin, Adipose tissue-specific secretory factor, ADSF, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, RETN, FIZZ3, HXCP1, RSTN

Calculated MW

11419 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human , -
ELISA , 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted.

Tissue Specificity

Expressed only in fatty tissues.

Protein Name

Resistin

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived human Resistin recombinant protein (Position: K19-P108). Human Resistin shares 58.6% amino acid (aa) sequence identity with mouse Resistin.

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.

Sequence Similarities

Belongs to the resistin/FIZZ family.

Anti-Resistin Picoband Antibody - Protein Information

Name RETN

Synonyms FIZZ3, HXCP1, RSTN

Function

Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells (By similarity). Potentially links obesity to diabetes (By similarity). Promotes chemotaxis in myeloid cells (PubMed:15064728).

Cellular Location

Secreted {ECO:0000250|UniProtKB:Q99P87}.

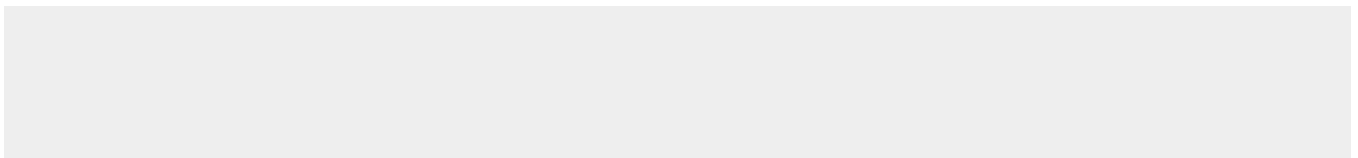
Tissue Location

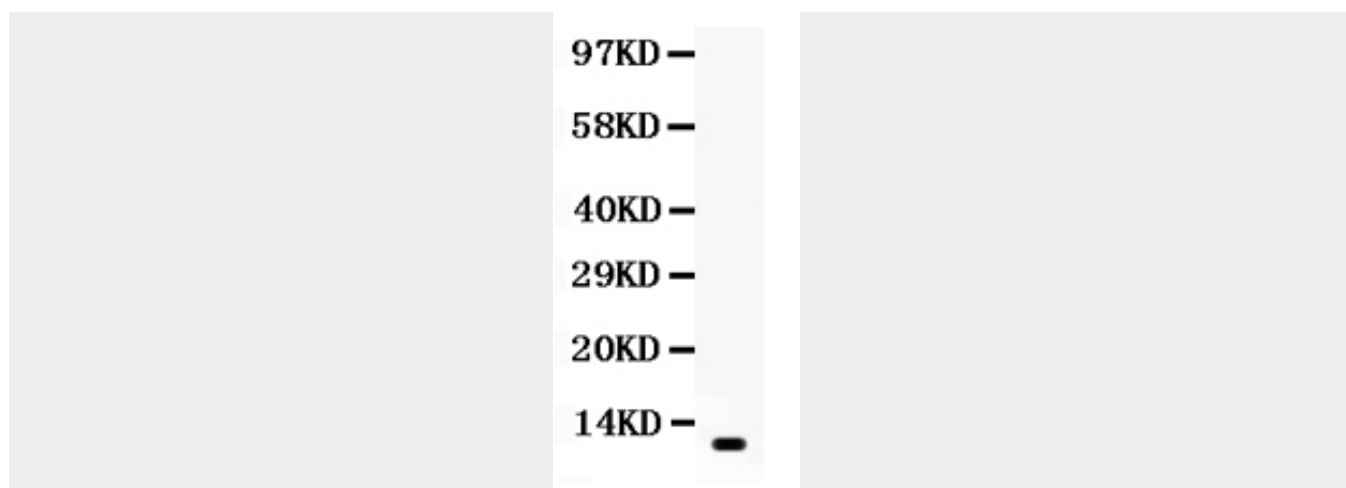
Expressed in white adipose tissue (at protein level) (PubMed:11201732). Widely expressed, with particularly strong expression in lung, bone marrow, breast and peripheral blood (PubMed:15248836). Expressed strongly in bone marrow and at lower levels in lung, but not detected in other tissues (PubMed:15064728) Isoform 2 is detected in adipose tissue, bone marrow, brain, lung, peripheral blood, placenta and thymus (PubMed:15248836)

Anti-Resistin Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Resistin Picoband Antibody - Images



Anti- ResistinPicoband antibody, ABO12102, Western blottingAll lanes: Anti Resistin (ABO12102) at 0.5ug/mlWB: Recombinant Human Resistin Protein 0.5ngPredicted bind size: 11KDObserved bind size: 11KD

Anti-Resistin Picoband Antibody - 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.