

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

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**Anti-Resistin Picoband Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q9HD89</a>
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 , -<br>ELISA , 0.1-0.5 µg/ml, Human<br>

**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:<a href="http://www.uniprot.org/citations/15064728" target="\_blank">15064728</a>).

**Cellular Location**

Secreted {ECO:0000250|UniProtKB:Q99P87}.

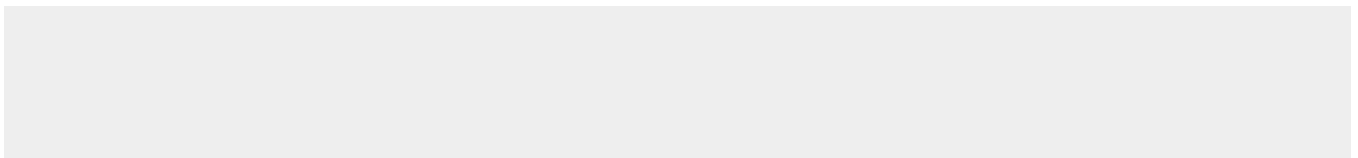
**Tissue Location**

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.