

Anti-Resistin Picoband Antibody

Catalog # ABO12102

Product Information

Application	WB, E
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.

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
Application Details	Western blot, 0.1-0.5 μ g/ml, Human , - ELISA , 0.1-0.5 μ g/ml, Human
Subcellular Localization	Secreted.
Tissue Specificity	Expressed only in fatty tissues.
Source	Eukaryota
Protein Name	Resistin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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 r° Constitution, 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.

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)

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- 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

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