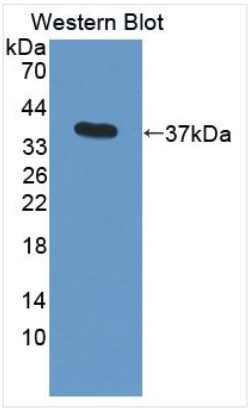
Resistin (RETN) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Resistin (RETN), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Resistin (RETN)
Product Gene Name	anti-RETN antibody
Immunogen Sequence	Lys19~Pro1 08
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	1mg/ml (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against RETN. It has been selected for its ability to recognize RETN in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) Immunogen: RETN (MBS2086726)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) APC-CY7 Conjugated Antibody: RETN (MBS2163425)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) PE Conjugated Antibody: RETN (MBS2164292)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) APC Conjugated Antibody: RETN (MBS2165158)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) Cy3 Conjugated Antibody: RETN (MBS2166024)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) Biotin Conjugated Antibody: RETN (MBS2166890)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) HRP Conjugated Antibody: RETN (MBS2167755)
Matching Pairs	Unconjugated Antibody: RETN (MBS2111377) FITC Conjugated Antibody: RETN (MBS2168621)
OMIM	605565
3D Structure	ModBase 3D Structure for Q9HD89
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.

Conjugation	None
Cross Reactivity	Human
Product Categories/Family for anti-RETN antibody	Metabolic pathway; Endocrinology; Cardiovascular biology
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-RETN antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-RETN antibody	WB: 0.5-2ug/mL; 1:500-2000 IHC: 5-20ug/mL; 1:50-200 ICC: 5-20ug/mL; 1:50-200
Related Product Information for anti-RETN antibody	MBS2111377 is an antibody targeting RETN. Also known as Polyclonal Antibody to Resistin (RETN). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-RETN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RETN antibody
Figure. Western Blot: Sample: Recombinant RETN, Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RETN. It may not necessarily be applicable to this product.

NCBI GI #	12584202
NCBI GeneID	56729
NCBI Accession #	AAG59824.1
UniProt Primary Accession #	Q9HD89
UniProt Related Accession #	Q9HD89
NCBI Official Full Name	resistin
NCBI Official Synonym Full Names	resistin
NCBI Official Symbol	RETN
NCBI Official Synonym Symbols	ADSF; RSTN; XCP1; FIZZ3; RETN1
UniProt Protein Name	Resistin
UniProt Synonym Protein Names	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
Protein Family	Protein dead ringer

UniProt Gene Name	RETN
UniProt Synonym Gene Names	FIZZ3; HXCP1; RSTN; ADSF
UniProt Entry Name	RETN_HUMAN
NCBI Protein Information	resistin
NCBI Summary for RETN	This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]
UniProt Comments for RETN	resistin: Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes. Belongs to the resistin/FIZZ family. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 19p13.2 Cellular Component: extracellular space; nucleus Molecular Function: hormone activity Biological Process: fat cell differentiation; response to mechanical stimulus; positive regulation of smooth muscle cell proliferation; positive regulation of smooth muscle cell migration; positive regulation of synaptic transmission; response to insulin stimulus; aging Disease: Diabetes Mellitus, Noninsulin-dependent
Research Articles on RETN	**1.** This study is the first to examine the risk factors associated with RETN single nucleotide polymorphisms in Oral squamous cell carcinoma progression and development in Taiwan.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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