

Datasheet for ABIN7126845
anti-Resistin antibody (AA 19-108)



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Overview

Quantity:	100 µg
Target:	Resistin (RETN)
Binding Specificity:	AA 19-108
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Resistin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human RETN protein (around aa 19-108) (exact sequence is proprietary)
Isotype:	IgG2b
Specificity:	The cysteine-rich, adipose tissue-specific, secretory factor resistin (resistance to Insulin) also known as ADSF, is a secreted hormone that potentially links obesity to diabetes. Resistin is rich in serine and cysteine residues and contains a unique cysteine repeat motif. Resistin and the resistin-like molecules share the characteristic cysteine composition and other signature features. Resistin-like i ¹ is a secreted protein that has restricted tissue distribution and is most highly expressed in adipose tissue. Another family member, resistinlike i ² , is a secreted protein expressed only in the gastrointestinal tract, particularly in the colon, in both mouse and human. Resistin-like i ² expression is highest in proliferative epithelial cells and is markedly increased in tumors, suggesting a role in intestinal proliferation.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	Resistin (RETN)
Alternative Name:	RETN (RETN Products)
Background:	Adipose tissue specific secretory factor, ADSF, C/EBP epsilon regulated myeloid specific secreted cysteine rich protein precursor 1, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, dri, FIZZ3, Found in inflammatory zone 3, HXCP1, Resistin delta2, RETN1, RSTN, XCP1, Resistin (RETN) Cellular localisation: Secreted
Molecular Weight:	13kDa
Gene ID:	56729, 283091
UniProt:	Q9HD89
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Known_Application: Western Blot (2-4 µg/mL), ,Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: Human heart, bone marrow or spleen. Human heart tissue lysate.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-

Handling

hazardous.

Expiry Date: 24 months