resistin-like α (R-18): sc-80324



The Power to Question

BACKGROUND

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 a is a secreted protein that has restricted tissue distribution and is most highly expressed in adipose tissue. Another family member, Resistin-like β , is a secreted protein expressed only in the gastrointestinal tract, particularly in the colon, in both mouse and human. Resistin-like β expression is highest in proliferative epithelial cells and is markedly increased in tumors, suggesting a role in intestinal proliferation.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Retnla (mouse) mapping to 16 B5.

SOURCE

resistin-like α (R-18) is a rat monoclonal antibody raised against full length recombinant resistin-like α of mouse origin.

PRODUCT

Each vial contains 100 μg lgG_{2a} in 1.0 ml PBS with < 0.1% sodium azide and protein stabilizer.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

resistin-like α (R-18) is recommended for detection of resistin-like α of mouse origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with resistin-like β .

Suitable for use as control antibody for resistin-like α siRNA (m): sc-39724; and as shRNA Plasmid control antibody for resistin-like α shRNA Plasmid (m): sc-39724-SH.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

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