

RELM-alpha Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11021**Specification**

RELM-alpha Antibody - Product Information

Application	WB
Primary Accession	Q9EP95
Other Accession	NP_065255
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11936

RELM-alpha Antibody - Additional Information**Gene ID** 57262

Application & Usage	Western blot analysis (0.5-4 µg/ml). Recombinant murine RELMα can be used as a positive control. However, the optimal conditions should be determined individually.
---------------------	--

Other Names

Resistin-like alpha, Cysteine-rich secreted protein FIZZ1

Target/Specificity

RELM-alpha

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti- murine RELMα polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

RELM-alpha Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

RELM-alpha Antibody - Protein Information

Name Retnla

Synonyms Fizz1, Himf, Pmng1

Function

Probable hormone. Plays a role in pulmonary vascular remodeling.

Cellular Location

Secreted.

Tissue Location

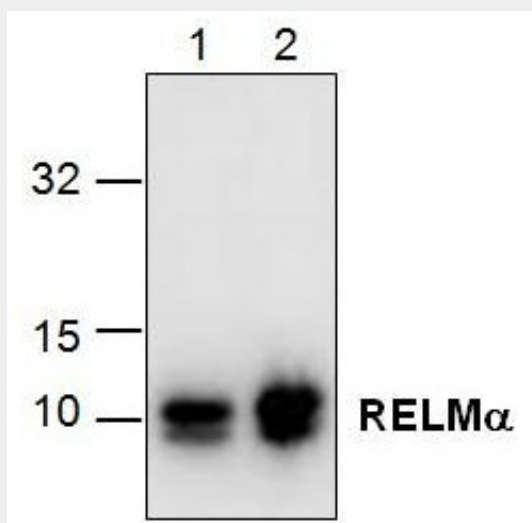
Highest levels in adipose tissue.

RELM-alpha 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](#)

RELM-alpha Antibody - Images



Western blot analysis of RELM- α expression using recombinant murine RELM. Lane 1: 250 ng; Lane 2: 1 μ g

RELM-alpha Antibody - Background

RELM-alpha belongs to a unique family of tissue-specific cytokines termed FIZZ (found in inflammatory zone) and RELM. The three known members of this family; Resistin, RELM-alpha and RELM-beta are 85-94 amino acid secreted proteins sharing a conserved C-terminal domain characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X-C-X9-C-C. RELM-alpha and Resistin are secreted exclusively by adipocytes while RELM-beta is expressed in the epithelium of the colon and small bowel. The physiological role and molecular targets of RELM-alpha are still unknown. Murine RELM-alpha is a 10.0 kDa monomeric protein containing 88 amino acid residues.