

RELM alpha Rabbit pAb

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Catalog # AP52317

Product Information

Application	WB
Primary Accession	Q9EP95
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11936
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse RELM alpha
Epitope Specificity	51-111/111
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	A family of resistin-like molecules (RELMs) has been identified in rodents and humans. 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. RELM alpha and Resistin are secreted exclusively by adipocytes while RELM beta is expressed in the epithelium of the colon and small bowel. The RELMs together with resistin comprise a class of tissue-specific signaling molecules. The physiological role and molecular targets of RELM alpha are still unknown.

Additional Information

Gene ID	57262
Other Names	Resistin-like alpha, Cysteine-rich secreted protein A12-gamma, Cysteine-rich secreted protein FIZZ1, Hypoxia-induced mitogenic factor, Parasite-induced macrophage novel gene 1 protein, RELMalpha, Retnla, Fizz1, Himf, Pmng1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

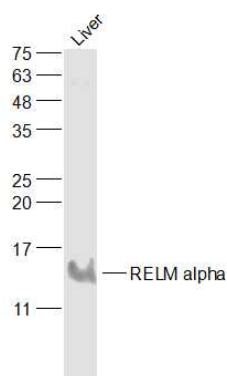
Background

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References

Holcomb I.N.,et al.EMBO J. 19:4046-4055(2000).
Steppan C.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:502-506(2001).
Loke P.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
Rajala M.W.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).

Images



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-RELM alpha (AP52317) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 9 kD
Observed band size: 14 kD

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