bs-1884R **[Primary Antibody]**

RELM alpha Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 57262 **SWISS:** Q9EP95

Target: RELM alpha

Immunogen: KLH conjugated synthetic peptide derived from mouse RELM alpha: 51-111/111.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

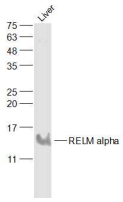
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Rat)

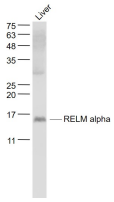
Predicted MW.: 9 kDa

Subcellular Location: Secreted

VALIDATION IMAGES



Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-RELM alpha (bs-1884R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 9 kD Observed band size: 14 kD



Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti- RELM alpha (bs-1884R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 9 kD Observed band size: 15 kD

SELECTED CITATIONS

- **[IF=0.9]** Chunyan, Lin, et al. "Effect of cigarette smoke extraction on the expression of found in inflammatory zone 1 in rat lung epithelial L2 cells." Chinese Medical Journal 127.12 (2014): 2363-2367. Other ;Rat. 24931257

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.