

## DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse RELM $\alpha$ in direct ELISAs and Western blots. In these formats, less than 1% cross-reactivity with recombinant mouse Resistin is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse RELM $\alpha$ Asp24-Ser111 Accession # Q9EP95
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 $\mu$ g/mL	Recombinant Mouse RELM $\alpha$

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month from date of receipt, 2 to 8 °C, reconstituted.</li> <li>● 6 months from date of receipt, -20 to -70 °C, reconstituted.</li> </ul>

## BACKGROUND

RELM $\alpha$ , also known as 'found in inflammatory zone 1' (FIZZ1) belongs to the RELM1/FIZZ family of cysteine rich secretory proteins. RELM $\alpha$  is most abundantly expressed in white adipose tissue but not in preadipocytes nor 3T3-L1 adipocytes. RELM $\alpha$  expression is also detected in heart, lung, and tongue.(1)

### References:

1. Stepan, C.M. *et al.* (2001) Proc. Natl. Acad. Sci. USA **98**:502.