

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Reg3A in direct ELISAs and Western blots. In Western blots, approximately 30% cross-reactivity with recombinant mouse (rm) Reg3A is observed and less than 5% cross-reactivity with rmReg1, recombinant human (rh) Reg1B, recombinant rat Reg2 and rhReg4 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat Reg3A Glu26-Gln174 Accession # NP_742074
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Rat Reg3A

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Rat Reg3A, also named lithostathine 3 and pancreatitis-associated protein 2, belongs to the Regenerating gene family (Reg), within the superfamily of C-type lectins. Rat Reg3A is overexpressed during the acute phase of pancreatitis.