

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat CXCL7 in Western blots. In this format, approximately 10% cross-reactivity with recombinant mouse (rm) CXCL7 is observed and less than 1% cross-reactivity with recombinant human (rh) ENA-78, recombinant porcine IL-18, rhMCP-3 and rmGCP-2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat CXCL7/Thymus Chemokine-1 (R&D Systems, Catalog # 1116-CK) Ile46-Ile107 Accession # Q99ME0
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. 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.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Rat CXCL7/Thymus Chemokine-1 (Catalog # 1116-CK)

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.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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

CXCL7 is a member of the alpha (CXC) subfamily of chemokines. Rat CXCL7 cDNA encodes a 111 amino acid residue precursor protein. Rat CXCL7 shares 72% amino acid sequence identity with mouse CXCL7 (accession number AAG36786).