

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat CCL26-like/Eotaxin-3-like in Western blots. In Western blots, approximately 5% cross-reactivity with recombinant mouse CCL26-like is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat CCL26-like/Eotaxin-3-like Thr24-Trp94 Accession # NP_001102958
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 CCL26-like/Eotaxin-3-like

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	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. ● 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

Chemokine (CC motif) ligand 26, also known as eotaxin 3, is a human CC chemokine ligand that binds and signals via the chemokine receptor CCR3. Rat CCL26-like/Eotaxin 3-like is an 8.5 kDa orthologue of the human CCL26/eotaxin 3. It is a 94 amino acid (aa) residue protein with a 23 aa signal sequence and a 71 aa mature segment. It is presumed that rat CCL26-like/Eotaxin 3-like will bind CCR3 to induce eosinophil chemotaxis and transendothelial migration. Mature rat CCL26 shares 48%, 63%, and 48% aa sequence identity with the human, mouse and canine CCL26/Eotaxin 3, respectively.