Human CILP-1 C-Terminal Fragment Biotinylated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: BAF4477

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CILP-1 C-Terminal Fragment in Western blots. In Western blots, less than 2% cross-reactivity with recombinant human CILP-1 N-terminal peptide is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CILP-1 C-Terminal Fragment Arg724-Asn1184 Accession # O75339
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 Human CILP-1 C-Terminal Fragment

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

The CILP-1 (cartilage intermediate-layer protein 1) gene product is a monomeric glycoprotein precursor of two secreted, proteolytically generated products, a 90 kDa N-terminal CILP-1, and a 62 kDa C-terminal NTPPHase-homolog. It is found in both hyaline and fibrocartilage. Although the C-terminal NTPPHase-homolog (aa 725-1184) does not show enzyme activity, it may participate in matrix structural integrity. Human CILP-1 C-terminus shares 93% and 94% aa identity with porcine and mouse CILP-1 C-terminus, respectively.

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