Human IGFBP-L1 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3877

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IGFBP-L1 in direct ELISAs and Western blots. In Western blots, approximately 15% cross-reactivity with recombinant mouse (rm) IGFBP-L1 is observed and less than 1% cross-reactivity with recombinant human IGFBP-1, -2, -3, -4, -5, -6, -7, and rmIGFBP-rP10 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human IGFBP-L1 Ser25-Met278 Accession # Q8WX77
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 Human IGFBP-L1

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.** ● 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

IGFBP-L1 is a secreted 38 kDa protein that shares 43% amino acid sequence identity with IGFBP-7 (IGFBP-rP1, Mac25). Although it was also referred to as IGFBP-rP4 in one publication, it is distinct from Cyr61, a CCN family protein also named IGFBP-rP4 at one time. IGFBP-L1 contains an N-terminal IGFBP motif, a Kazal-type serine protease inhibitor region and a C-terminal Ig-like domain. Human and mouse mature IGFBP-L1 share 76% amino acid sequence homology.

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