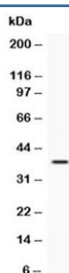


IGFBP3 Antibody (R32836)

Catalog No.	Formulation	Size
R32836	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P17936
Localization	Secreted
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture; Human Recombinant Protein) : 0.1-0.5ug/ml (BSA-free formulation available)
Limitations	This IGFBP3 antibody is available for research use only.



Western blot testing of recombinant human protein with IGFBP3 antibody at 0.5ug/ml.
Expected molecular weight: ~31/40-44 kDa (unmodified/glycosylated).

Description

IGFBP3, Insulin-like growth factor-binding protein 3, is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. IGFBP3 is located on chromosome 7. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Application Notes

Optimal dilution of the IGFBP3 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A29-K267 was used as the immunogen for the IGFBP3 antibody.

Storage

After reconstitution, the IGFBP3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.