IGFBP3 Antibody (R32837)

Catalog No.	Formulation	Size
R32837	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P15473
Localization	Secreted
Applications	Western Blot: 0.5-1ug/ml Direct ELISA (recombinant rat protein): 0.1-0.5ug/ml (BSA-free formulation available)
Limitations	This IGFBP3 antibody is available for research use only.



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

Description

IGFBP3, Insulin-like growth fator-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.

For a Protein Microarray Validated monoclonal targeting the same protein with a different clone, see our IGFBP3 Antibody IGFBP3/3424 / BP-53 Antibody page.

Application Notes

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

Immunogen

A recombinant rat protein corresponding to amino acids A29-K268 was used as the immunogen for the IGFBP3 antibody.

Storage

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

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