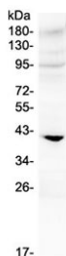


## IGFBP3 Antibody (R32837)

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

[Bulk quote request](#)

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