SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IGFBP3 antibody

Catalog Number: SL22862R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IGFBP3
Immunogen:	KLH conjugated synthetic peptide derived from human IGFBP3: 131-231/292
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Pig,Cow,Horse,Sheep)
Predicted MW.:	32kDa
Subcellular Location:	Secretory protein
Background:	This gene 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. 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. [provided by RefSeq, Jul 2008] **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed by most tissues. Present in plasma. **Post-translational modifications:** Phosphorylation sites are present in the extracelllular medium. **Similarity:** Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain. **Database links:**

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 3486 Human **Entrez Gene:** 16009 Mouse **Entrez Gene:** 24484 Rat **SwissProt:** P17936 Human **SwissProt:** P47878 Mouse **SwissProt:** P15473 Rat

[VALIDATION IMAGES]

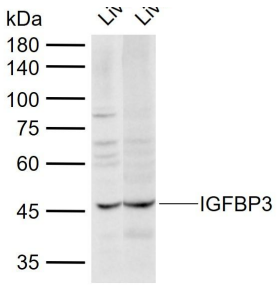


Figure 1. Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Rat Liver tissue lysates Primary: Anti-IGFBP3 (SL22862R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kDa Observed band size: 46 kDa

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