SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IGFBP3 antibody

Catalog Number: SL1434R

FOR RESEARCH USE ONLY

[DATASHEET]

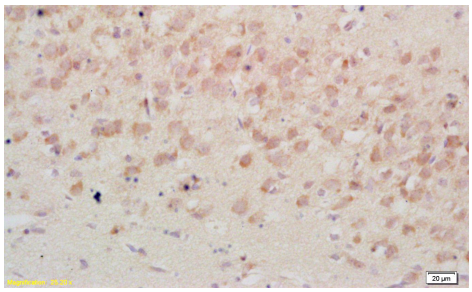
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IGFBP3
Immunogen:	KLH conjugated synthetic peptide derived from human IGFBP3: 186-292/292
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse)
Predicted MW.:	30-35kDa
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.

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

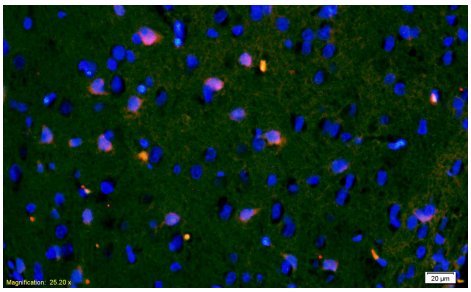
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	Contains 1 thyroglobulin type-1 domain. **Database links:** **Entrez Gene:** 3486 Human **Entrez Gene:** 16009 Mouse **Entrez Gene:** 24484 Rat **SwissProt:** P17936 Human **SwissProt:** P47878 Mouse **SwissProt:** P15473 Rat

[VALIDATION IMAGES]



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;
Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-IGFBP3 Polyclonal Antibody, Unconjugated(SL1434R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;
Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-IGFBP3 Polyclonal Antibody, Unconjugated(SL1434R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(SL0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C.
DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei

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