SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IGFBPL1 antibody

Catalog Number: SL15569R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IGFBPL1
Immunogen:	KLH conjugated synthetic peptide derived from human IGFBPL1: 201-278/278
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 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep)
Predicted MW.:	26kDa
Subcellular Location:	Secretory protein
Background:	IGFBPL1 is a secreted IGF (Insulin-like growth factor) binding protein that is known to contain an Ig-like C2-type (immunoglobulin-like) domain, an IGFBP N-terminal domain and a Kazal-like domain. IGF-binding proteins characteristically act to extend the half-life of IGFs and may influence the growth promoting effects of the IGFs. The interaction of IGFBPs with IGFs can affect cell surface receptors, specifically, IGFBPs may enhance or decrease a cells insulin sensitivity. IGFBPL1 has been found to be down-regulated in multiple tumors and thus may be a likely tumor suppressor candidate. Highly expressed in both brain and testis, IGFBPL1 is found at lower levels in the prostate, bladder and lung. **Function:** IGF-binding proteins prolong the half-life of IGFs and have been

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	shown to either inhibit or stimulate the growth promoting effects of the IGFs in cell culture. They alter the interaction of IGFs with their cell surface receptors (By similarity). May be a putative tumor suppressor protein. **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed at the highest level in both brain and testis, with lower levels in the prostate, bladder and lung. **Similarity:** Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 Kazal-like domain. **Database links:** **Entrez Gene:** 347252 Human Omim: 610413 Human **SwissProt:** Q8WX77 Human

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