SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Tetranectin antibody

Catalog Number: SL6413R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Tetranectin
Immunogen:	KLH conjugated synthetic peptide derived from human Tetranectin/CLEC3B/TNA: 51-150/202
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 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)
Predicted MW.:	22, 80kDa
Subcellular Location:	Secretory protein
Background:	Tetranectin binds to plasminogen and to isolated kringle 4. May be involved in the packaging of molecules destined for exocytosis. **Function:** Tetranectin binds to plasminogen and to isolated kringle 4. May be involved in the packaging of molecules destined for exocytosis. **Subunit:** Homotrimer. **Subcellular Location:** Secreted. **Tissue Specificity:** Found in plasma. **Similarity:** Contains 1 C-type lectin domain. **Database links:** **Entrez Gene:** 7123 Human

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: 21922 Mouse **Entrez Gene:** 316099 Rat Omim: 187520 Human **SwissProt:** P05452 Human **SwissProt:** P43025 Mouse **Unigene:** 476092 Human **Unigene:** 34588 Mouse Tetranectin (TN) is a plasminogen-binding protein that can be found in plasma and the extracellular matrix (ECM). In addition to its plasminogen-binding properties, TN can also bind to heparin, Lipoprotein(a), tissue plasminogen activator, hepatocyte growth factor, and angiostatin. TN expression can be detected in various endocrine tissues, endothelial cells, and mesenchymal cells, including fibroblasts, monocytes, and neutrophils. Decreased serum TN levels can be seen after trauma or acute myocardial infarction, rheumatoid arthritis, and malignant tumours, among others. Although the exact biological function of TN has not been confirmed, some experimental evidence suggests that TN plays an important role in tissue repair and remodeling. TN can enhance the tissue-type plasminogen activator-catalyzed activation of plasminogen by polylysine. Because activated plasminogen is recognized to play an important role in the degradation of the extracellular matrix.

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