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Rabbit Anti-LTBP4 antibody

SL5779R

Product Name:	LTBP4
Chinese Name:	转化生长因子βBinding protein4抗体
Alias:	latent transforming growth factor beta binding protein 4; latent transforming growth factor beta binding protein 4L; Latent-transforming growth factor beta-binding protein 4; LTBP 4; LTBP-4; LTBP4; LTBP4_HUMAN; LTBP4L; LTBP4S.
文献引用 PubMed :	**Specific References(1)**|SL5779R has been referenced in 1 publications. **[IF=11.47]**Choi, Won Hoon, et al. "Open-gate mutants of the mammalian proteasome show enhanced ubiquitin-conjugate degradation." Nature Communications 7 (2016).**WB;Human**. PubMed:26957043
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	170kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LTBP4:151-2501624
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	May be involved in the assembly, secretion and targeting of TGFB1 to sites at which it is stored and/or activated. May play critical roles in controlling and directing the activity of TGFB1. May have a structural role in the extra cellular matrix (ECM). **Function:** May be involved in the assembly, secretion and targeting of TGFB1 to sites at which it is stored and/or activated. May play critical roles in controlling and directing the activity of TGFB1. May have a structural role in the extra cellular matrix (ECM) (By similarity). **Subunit:** Forms part of the large latent transforming growth factor beta precursor complex; removal is essential for activation of complex. Interacts with LTBP1 and TGFB1. Binds to FBN1 (By similarity). **Subcellular Location:** Secreted, extracellular space, extracellular matrix. **Tissue Specificity:** Highly expressed in heart, skeletal muscle, pancreas, uterus, and small intestine. Weakly expressed in placenta and lung. **Post-translational modifications:** Contains hydroxylated asparagine residues (By similarity). **DISEASE:** Defects in LTBP4 are the cause of Urban-Rifkin-Davis syndrome (URDS) [MIM:613177]; also known as Cutis laxa with severe pulmonary gastrointestinal and urinary abnormalities. URDS is a syndrome characterized by disrupted pulmonary, gastrointestinal, urinary, musculoskeletal, craniofacial and dermal development. Clinical features include cutis laxa, mild cardiovascular lesions, respiratory distress with cystic and atelectatic changes in the lungs, and diverticulosis, tortuosity and stenosis at various levels of the intestinal tract. Craniofacial features include microretrognathia, flat midface, receding forehead and wide fontanelles. **Similarity:** Belongs to the LTBP family. Contains 16 EGF-like domains. Contains 4 TB (TGF-beta binding) domains. **SWISS:** Q8N2S1

	Gene ID: 8425 **Database links:** Entrez Gene: 8425Human Omim: 604710Human SwissProt: Q8N2S1Human Unigene: 466766Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.