

bs-12413R**[Primary Antibody]****LTBP1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow)
GeneID: 4052	SWISS: Q14766	
Target: LTBP1		Predicted MW.: 184 kDa
Immunogen: KLH conjugated synthetic peptide derived from human LTBP1: 221-320/1721.		Subcellular Location: Secreted
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Latent transforming growth factor-beta 1 binding protein 1 (LTBP-1), a heavy glycoprotein, is part of the platelet-derived TGF-beta 1 complex. LTBP-1 serves as an anchor for latent TGF-beta in the extracellular matrix and is a component of microfibrillar structures. Cleavage of LTBP results in LTBP-1, which may sequester latent TGF-beta in the extracellular matrix and regulate its activation. LTBP-1 mRNA is enriched in ovarian carcinoma tissues and highly expressed in serous and mucinous adenocarcinomas.		

— SELECTED CITATIONS —

- **[IF=0]** William J. Burlingham. et al. Extracellular Vesicle-associated GARP/TGFβ:LAP Mediates “Infectious” Allo-tolerance. TRANSPLANT DIRECT. 2023 Jun; 9(6): e1475 ELISA ;Mouse. 37250483