
LTBP1 Rabbit pAb

Catalog Number: bs-12413R

Target Protein: LTBP1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Cow)

Predicted MW: 184 kDa

Entrez Gene: 4052

Swiss Prot: Q14766

Source: KLH conjugated synthetic peptide derived from human LTBP1: 221-320/1721.

Purification: affinity purified by Protein A

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.

PRODUCT SPECIFIC PUBLICATIONS

[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