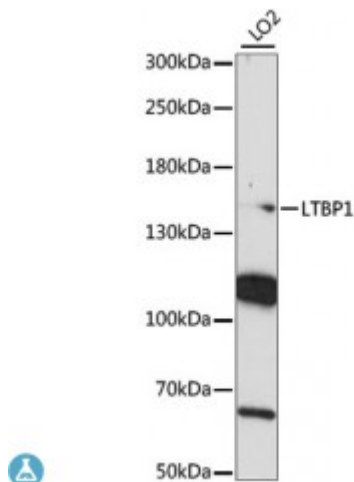


Anti-LTBP1 Antibody



Description

The protein encoded by this gene belongs to the family of latent TGF-beta binding proteins (LTBPs). The secretion and activation of TGF-betas is regulated by their association with latency-associated proteins and with latent TGF-beta binding proteins. The product of this gene targets latent complexes of transforming growth factor beta to the extracellular matrix, where the latent cytokine is subsequently activated by several different mechanisms. Alternatively spliced transcript variants encoding different isoforms have been identified.

Model	STJ117482
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1290-1540 of human LTBP1 (NP_996826.2).
Gene ID	4052
Gene Symbol	LTBP1
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Expressed in the aorta (at protein level), Isoform Long is found in fibroblasts
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Latent-transforming growth factor beta-binding protein 1 LTBP-1 Transforming growth factor beta-1-binding protein 1 TGF-beta1-BP-1

Molecular Weight	186.796 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6714OMIM:150390Reactome:R-HSA-2129379
Alternative Names	Latent-transforming growth factor beta-binding protein 1 LTBP-1 Transforming growth factor beta-1-binding protein 1 TGF-beta1-BP-1
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 extracellular matrix (ECM)
Cellular Localization	Secreted
Post-translational Modifications	Contains hydroxylated asparagine residues,

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