

Rabbit anti-Human, mouse LTBP1 Polyclonal Antibody | anti-LTBP1 antibody

LTBP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285804	Rabbit	Human, mouse	ELISA, Immunohistochemistry, Western Blot

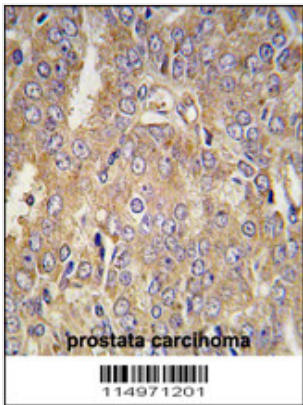
PRODUCT SYNONYMS

LTBP1; Polyclonal Antibody; LTBP1 Antibody (C-term); Latent-transforming growth factor beta-binding protein 1; LTBP-1; Transforming growth factor beta-1-binding protein 1; TGF-beta1-BP-1; anti-LTBP1 antibody

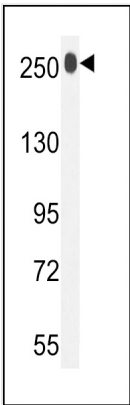
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LTBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1493-1525 amino acids from the C-terminal region of human LTBP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	1493-1525
Sequence Length	1395
Applicable Applications for anti-LTBP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
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).
Cellular location	Cellular Location
Tissue Location	Expressed in the aorta (at protein level). Isoform Long is found in fibroblasts
Cellular location	Secreted, secreted, extracellular space, extracellular matrix.
Tissue location	Expressed in the aorta (at protein level). PubMed: 1 729309). Isoform Long: Expressed in fibroblasts (PubMed: 17293099).
Preparation and Storage	Maintain refrigerated at 2-8 degree for up to weeks. For long term storage store at -20 degree in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with LTBP1 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
LTBP1 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the LTBP1 antibody detected the LTBP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LTBP1 antibody	LTBP1 may be involved in the assembly, secretion and targeting of TGFβ1 to sites at which it is stored and/or activated. This protein may play critical roles in controlling and directing the activity of TGFβ1, and it may have a structural role in the extra cellular matrix (ECM).
Product Categories/Family for anti-LTBP1 antibody	Signal Transduction
References	Olofsson A., J. Biol. Chem. 270:31294-31297(1995) Kanzaki T., Cell 61:1051-1061(1990) Isogai Z., J. Biol. Chem. 278:2750-2757(2003) Oklu R., Biochem. J. 352:601-610(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	261337167
NCBI GeneID	4052
NCBI Accession #	NP_000618.3; NP_001159736.1; NP_001159737.1; NP_001159738.1; NP_996826.2
NCBI GenBank Nucleotide #	NM_000627.3
UniProt Accession #	Q14766; P22064; Q53SD8; Q53SF3; Q53SG1; Q59HF7; Q8TD95; A1L3V1
NCBI Official Full Name	latent-transforming growth factor beta-binding protein 1 isoform LTBP-1S
NCBI Official Synonym Full Names	latent transforming growth factor beta binding protein 1
NCBI Official Symbol	LTBP1
NCBI Protein Information	latent-transforming growth factor beta-binding protein 1
UniProt Protein Name	Latent-transforming growth factor beta-binding protein 1
UniProt Gene Name	LTBP1
UniProt Synonym Gene Names	LTBP-1; TGF-beta1-BP-1
UniProt Entry Name	LTBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ltp1-antibody-immunohistochemistry-western-blot-elisa/285804>