

Rabbit LTBP1 Polyclonal Antibody | anti-LTBP1 antibody

LTBP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322769	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LTBP1; Polyclonal Antibody; LTBP1 Antibody; 9430031G15Rik; 9830146M04; Latent transforming growth factor beta binding protein 1; Latent-transforming growth factor beta-binding protein 1; Latent-transforming growth factor beta-binding protein; isoform 1L; isoform 1S; LBT1S; LTBP-1; Ltbp1; LTBP1_HUMAN; MGC163161; TGF-beta1-BP-1; Tgfb; Transforming growth factor beta-1-binding protein 1; Transforming growth factor beta-1-masking protein large subunit; anti-LTBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	LTBP1 Antibody detects endogenous levels of total LTBP1
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-LTBP1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LTBP1,corresponding to a region within C-terminal amino acids
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322769 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of LTBP1 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-LTBP1 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261337167
NCBI GeneID	4052

NCBI Accession #	NP_000618.3
NCBI GenBank Nucleotide #	NM_000627.3
UniProt Accession #	Q14766; P22064; Q53SD8; Q53SF3; Q53SG1; Q59HF7; Q8TD95; A1L3V1
Molecular Weight	187kDa
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-11 PublicationManual assertion based on opinion iniRef.7; TGF-beta1-BP-11 PublicationManual assertion based on opinion iniRef.1

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322769>