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Datasheet for ABIN1711908  
**anti-LTBP1 antibody (AA 221-320) (HRP)**

### Overview

Quantity:	100 µL
Target:	LTBP1
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTBP1 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LTBP1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	LTBP1
Alternative Name:	LTBP1 ( <a href="#">LTBP1 Products</a> )
Background:	Synonyms: 9430031G15Rik, 9830146M04, Latent transforming growth factor beta binding protein 1, Latent-transforming growth factor beta-binding protein 1, Latent-transforming growth

## Target Details

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factor beta-binding protein, isoform 1L, Latent-transforming growth factor beta-binding protein, 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.

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.

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Gene ID: 4052

Pathways: [Maintenance of Protein Location, Growth Factor Binding](#)

## Application Details

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Application Notes: ELISA 1:500-1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Gentamicin sulfate

Precaution of Use: This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months