Datasheet for ABIN1711908

anti-LTBP1 antibody (AA 221-320) (HRP)

Go to Product page

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 (LTBP1 Products)
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

	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.
Gene ID:	4052
Pathways:	Maintenance of Protein Location, Growth Factor Binding

Application Details

Application Notes:	ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

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

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