

[Go to Product page](#)

Datasheet for ABIN1886594

**anti-LTBP4 antibody (AA 64-256)**

## Overview

Quantity:	100 µL
Target:	LTBP4
Binding Specificity:	AA 64-256
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTBP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 64 and 256 of LTBP-4
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	LTBP4
Alternative Name:	LTBP-4 ( <a href="#">LTBP4 Products</a> )
Background:	Transforming growth factor-beta, or TGFB (see TGFB1, MIM 190180), remains biologically latent after secretion, blocked from activity by its N-terminal propeptide (the latency-associated peptide, or LAP). TGFB is activated by its dissociation from LAP. The latent form of TGFB is secreted in association with a latent TGFB-binding protein, or LTBP (see LTBP1, MIM 150390),

## Target Details

and assembled into the extracellular matrix. LTBP<sub>s</sub> are mainly composed of epidermal growth factor (EGF, MIM 131530)-like repeats and protein domains with 8-cysteine repeats, both of which are also found in fibrillins (e.g., MIM 134797). See Oklu and Hesketh (2000) [PubMed 11104663] for a review of the LTBP gene family. [supplied by OMIM]

Molecular Weight: 169 kDa

Gene ID: 8425

NCBI Accession: [NM\\_003573](#), [NP\\_003564](#)

Pathways: [Hormone Transport, Growth Factor Binding](#)

## Application Details

Application Notes: Suggested dilutions:  
Western blotting: 1.500-1.3000  
Immunofluorescence: 1.100-1.200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 1 x PBS, 1 % BSA, 20 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.