

**LTBP4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58310**

**Specification**

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**LTBP4 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">Q8N2S1</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	173435

**LTBP4 Polyclonal Antibody - Additional Information**

**Gene ID** 8425

**Other Names**

Latent-transforming growth factor beta-binding protein 4, LTBP-4, LTBP4

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**LTBP4 Polyclonal Antibody - Protein Information**

**Name** LTBP4

**Function**

Key regulator of transforming growth factor beta (TGFB1, TGFB2 and TGFB3) that controls TGF-beta activation by maintaining it in a latent state during storage in extracellular space. Associates specifically via disulfide bonds with the Latency-associated peptide (LAP), which is the regulatory chain of TGF-beta, and regulates integrin-dependent activation of TGF-beta.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Highly expressed in heart, skeletal muscle, pancreas, uterus, and small intestine. Weakly expressed in placenta and lung.

**LTBP4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**LTBP4 Polyclonal Antibody - Images**