

**LRR32 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57069**

**Specification**

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**LRR32 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q14392</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71979

**LRR32 Polyclonal Antibody - Additional Information**

Gene ID 2615

**Other Names**

Transforming growth factor beta activator LRR32, Garpin, Glycoprotein A repetitions predominant, GARP, Leucine-rich repeat-containing protein 32, LRR32  
{ECO:0000303|PubMed:19651619, ECO:0000312|HGNC:HGNC:4161}

**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.

**LRR32 Polyclonal Antibody - Protein Information**

**Name** LRR32 {ECO:0000303|PubMed:19651619, ECO:0000312|HGNC:HGNC:4161}

**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 (PubMed:<a href="http://www.uniprot.org/citations/19651619" target="\_blank">19651619</a>, PubMed:<a href="http://www.uniprot.org/citations/19750484" target="\_blank">19750484</a>, PubMed:<a href="http://www.uniprot.org/citations/22278742" target="\_blank">22278742</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/22278742" target="\_blank">22278742</a>). Able to outcompete LTBP1 for binding to LAP regulatory chain of TGF-beta (PubMed:<a href="http://www.uniprot.org/citations/22278742" target="\_blank">22278742</a>). Controls activation of TGF-beta-1 (TGFB1) on the surface of activated regulatory T-cells (Tregs) (PubMed:<a href="http://www.uniprot.org/citations/19651619" target="\_blank">19651619</a>, PubMed:<a href="http://www.uniprot.org/citations/19750484" target="\_blank">19750484</a>). Required for epithelial fusion during palate development by regulating activation of TGF-beta-3 (TGFB3) (By similarity).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Cell surface

**Tissue Location**

Preferentially expressed in regulatory T-cells (Tregs).

**LRR32 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](#)

**LRR32 Polyclonal Antibody - Images**