



LRRC32 Rabbit pAb

Catalog No	YP-Ab-18534
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	LRRC32 D11S833E GARP
Immunogen	Synthesized peptide derived from human LRRC32
Specificity	This antibody detects endogenous levels of LRRC32 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	D11S833E;GARP;Garpin;LRRC32;LRRC32 D11S833E GARP;Leucine-rich repeat-containing protein 32 (Garpin) (Glycoprotein A repetitions predominant) (GARP)
Observed Band	80 kDa
Calculated Molecular Weight	72 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Cell surface .
Tissue Specificity	Preferentially expressed in regulatory T-cells (Tregs).
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 . Able to outcompete LTBP1 for binding to LAP regulatory chain of TGF-beta . Controls activation of TGF-beta-1 (TGFB1) on the surface of activated regulatory T-cells (Tregs) . Required for epithelial fusion during palate development by regulating activation of TGF-beta-3 (TGFB3) (By similarity).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images