LRRC32 Rabbit pAb

Catalog No	YP-Ab-18534
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	LRRC32 D11S833E GARP
Protein Name	Leucine-rich repeat-containing protein 32 (Garpin) (Glycoprotein A repetitions predominant) (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	
Observed Band	73kD
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