

Anti-RAP1B antibody



Description	Unconjugated Rabbit polyclonal to RAP1B
Model	STJ192341
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human RAP1B protein.
Immunogen Region	110-190aa
Gene ID	5908
Gene Symbol	RAP1B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	RAP1B Polyclonal Antibody detects endogenous levels of protein.
Purification	RAP1B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras-related protein Rap-1b GTP-binding protein smg p21B
Molecular Weight	20 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9857OMIM:179530
Alternative Names	Ras-related protein Rap-1b GTP-binding protein smg p21B
Function	GTP-binding protein that possesses intrinsic GTPase activity. Contributes to the polarizing activity of KRIT1 and CDH5 in the establishment and maintenance of correct endothelial cell polarity and vascular lumen. Required for the localization of phosphorylated PRKCZ, PARD3 and TIAM1 to the cell junction. Plays a role in the establishment of basal endothelial barrier function.
Cellular Localization	Cell membrane. Cytoplasm, cytosol. Cell junction. May shuttle between plasma membrane and cytosol. Presence of KRIT1 and CDH5 is required for its localization to the cell junction.

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