

## Anti-RAB21 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to RAB21
<b>Model</b>	STJ191274
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human RAB21 protein.
<b>Immunogen Region</b>	60-140aa
<b>Gene ID</b>	<a href="#">23011</a>
<b>Gene Symbol</b>	<a href="#">RAB21</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	RAB21 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Widely expressed. In jejunal tissue, predominantly expressed in the apical region of the epithelial cell layer of the villi, weak expression, if any, in the crypt epithelium. Capillary endothelium and some cell types in the lamina propria also show expression.
<b>Purification</b>	RAB21 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Ras-related protein Rab-21
<b>Molecular Weight</b>	24 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:18263OMIM:612398</a>
<b>Alternative Names</b>	Ras-related protein Rab-21
<b>Function</b>	Regulates integrin internalization and recycling, but does not influence the traffic of endosomally translocated receptors in general. As a result, may regulate cell adhesion and migration . During the mitosis of adherent cells, controls the endosomal trafficking of integrins which is required for the successful completion of cytokinesis. Involved in neurite growth .
<b>Cellular Localization</b>	Endoplasmic reticulum membrane Golgi apparatus, trans-Golgi network Golgi apparatus membrane Early endosome membrane Cytoplasmic vesicle membrane Cleavage furrow. Colocalizes with ANKRD27 and VAMP7 in neurites . In nonpolarized epithelial Caco-2 cells, found in the endoplasmic reticulum. in polarized cells, observed in vesicles in the apical cytoplasm . During mitosis, in mid-telophase, localized in the ingressing cleavage furrow . In late telophase, detected at the opposite poles of the daughter cells, in vesicles at the base of lamellipodia formed by the separating daughter cells .

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**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)