


Anti-RAB21 antibody ab79713

★☆☆☆☆ [1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-RAB21 antibody
Description	Rabbit polyclonal to RAB21
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Sheep, Cow, Dog 
Immunogen	Synthetic peptide corresponding to Human RAB21 aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab89375)
Positive control	This antibody gave a positive signal in Human liver tissue lysate and in the following whole cell lysates: HepG2; HeLa; A431; Jurkat.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

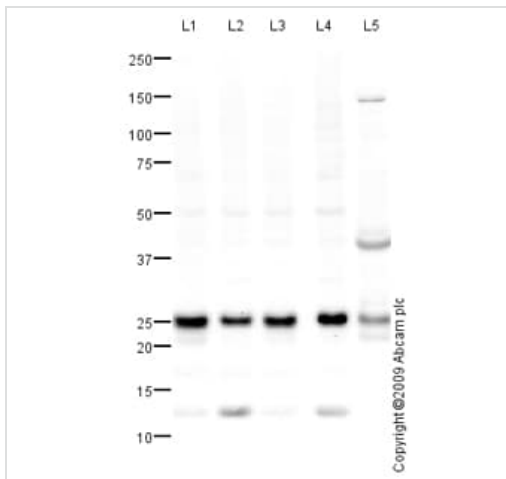
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab79713 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 25 kDa (predicted molecular weight: 24 kDa).

Target

Function	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 (By similarity). During the mitosis of adherent cells, controls the endosomal trafficking of integrins which is required for the successful completion of cytokinesis.
Tissue specificity	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.
Sequence similarities	Belongs to the small GTPase superfamily. Rab family.
Cellular localization	Endoplasmic reticulum membrane. Golgi apparatus membrane. Early endosome membrane. Cytoplasmic vesicle membrane. Cleavage furrow. 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.

Images



Western blot - Anti-RAB21 antibody (ab79713)

All lanes : Anti-RAB21 antibody (ab79713) at 1 µg/ml

Lane 1 : HepG2 (Human hepatocellular liver carcinoma cell line)

Whole Cell Lysate

Lane 2 : HeLa (Human epithelial carcinoma cell line) Whole Cell

Lysate

Lane 3 : A431 (Human epithelial carcinoma cell line) Whole Cell

Lysate

Lane 4 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell

Lysate

Lane 5 : Human liver tissue lysate - total protein ([ab29889](#))

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 24 kDa

Observed band size: 25 kDa

Additional bands at: 12.5 kDa, 146 kDa, 38 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 4 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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