


### Anti-RAB11B antibody ab3612

★★★★★ [8 Abreviews](#) [33 References](#) [3 图像](#)

#### 概述

产品名称	Anti-RAB11B抗体
描述	兔多克隆抗体to RAB11B
宿主	Rabbit
经测试应用	适用于: ICC, WB
种属反应性	与反应: Dog, Human 预测可用于: Mouse, Rat, Rabbit, Chicken, Cow, Pig, Non human primates 
免疫原	Synthetic peptide corresponding to Human RAB11B aa 1-100. <a href="#">Run BLAST with Expasy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	WB: canine MDCK, human PC3; ICC: HeLa
常规说明	<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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab3612于以下的经测试应用

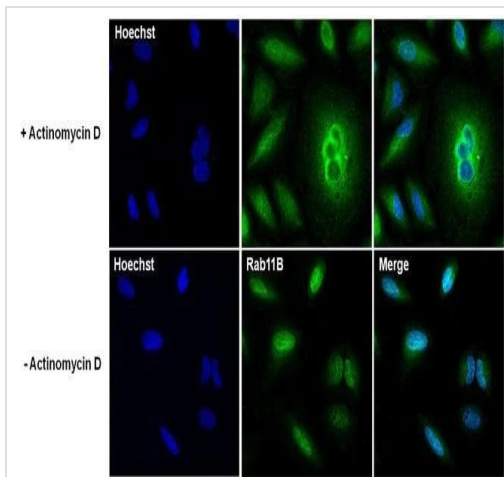
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		1/50 - 1/200.
WB	★★★★★ (2)	Use at an assay dependent concentration. Detects a band of approximately 22 kDa (predicted molecular weight: 24 kDa). By Western blot, this antibody detects an ~22 kDa protein representing Rab 11 in CV1, PC3, and HeLa cell extract. Another less prominent, unknown band is also detected by this antibody at ~35 kDa.

靶标

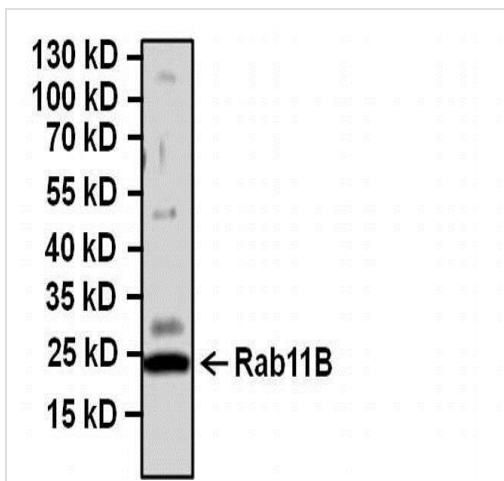
功能	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab plays a role in endocytic recycling, regulating apical recycling of several transmembrane proteins including cystic fibrosis transmembrane conductance regulator/CFTR, epithelial sodium channel/ENaC, potassium voltage-gated channel, and voltage-dependent L-type calcium channel. May also regulate constitutive and regulated secretion, like insulin granule exocytosis. Required for melanosome transport and release from melanocytes. Also regulates V-ATPase intracellular transport in response to extracellular acidosis.
序列相似性	Belongs to the small GTPase superfamily. Rab family.
翻译后修饰	Citrullinated by PAD4.
细胞定位	Recycling endosome membrane. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Cytoplasmic vesicle, phagosome membrane. Recruited to phagosomes containing S.aureus.

图片



Immunocytochemistry - Anti-RAB11B antibody  
(ab3612)

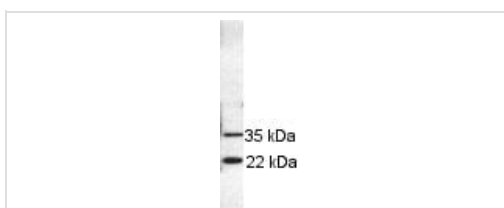
Immunocytochemical analysis of 4% paraformaldehyde-fixed 0.1% Triton X-100 permeabilized HeLa cells treated/untreated with actinomycin D. Rab11B is stained with ab3612 at a 1/100 dilution and a Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor Plus 488 conjugate at a 1/500 dilution (green). Nuclear counterstaining is using Hoechst 33342 (blue).



Western blot - Anti-RAB11B antibody (ab3612)

Anti-RAB11B antibody (ab3612) at 1/500 dilution + MDCK (canine kidney cell line) whole cell lysate at 20 µg

**Predicted band size: 24 kDa**



Western blot - Anti-RAB11B antibody (ab3612)

ab3612 used on PC3 cell extract.

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

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