


### Anti-Rag A antibody ab128196

#### 3 图像

#### 概述

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产品名称	Anti-Rag A抗体
描述	兔多克隆抗体to Rag A
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Mammals 
免疫原	Recombinant full length protein corresponding to Human Rag A. Database link: <a href="#">Q7L523</a>
阳性对照	HeLa cell lysate.
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

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形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 6 Preservative: 0.05% Sodium azide Constituent: 99% Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

#### 应用

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**The Abpromise guarantee****Abpromise™** 承诺保证使用 ab128196 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
WB		1/1000 - 1/2000. Predicted molecular weight: 37 kDa.
ICC/IF		Use at an assay dependent concentration.

**靶标****功能**

Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity. Required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids. Involved in the RCC1/Ran-GTPase pathway. May play a direct role in a TNF-alpha signaling pathway leading to induction of cell death. May alternatively act as a cellular target for adenovirus E3-14.7K, an inhibitor of TNF-alpha functions, thereby affecting cell death.

**组织特异性**

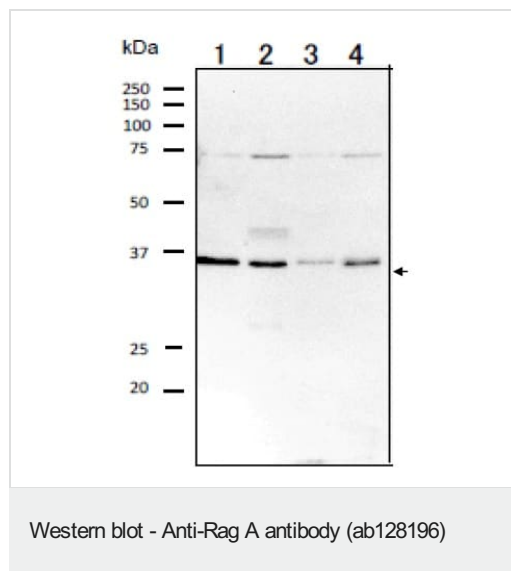
Ubiquitously expressed with highest levels of expression in skeletal muscle, heart, and brain.

**序列相似性**

Belongs to the GTR/RAG GTP-binding protein family.

**细胞定位**

Cytoplasm. Nucleus. Lysosome. Predominantly cytoplasmic. May shuttle between the cytoplasm and nucleus, depending on the bound nucleotide state. Colocalizes in vivo with adenovirus E3-14.7K mainly to the cytoplasm especially near the nuclear membrane and in discrete foci on or near the plasma membrane.

**图片**

**All lanes :** Anti-Rag A antibody (ab128196) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** MCF7 cell lysate

**Lane 3 :** MOLT4 cell lysate

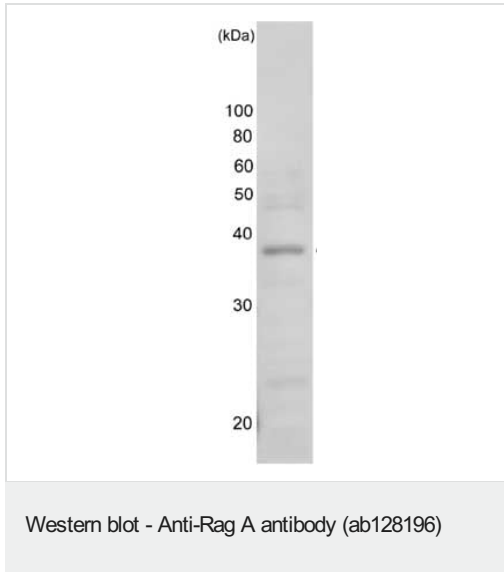
**Lane 4 :** NIH-3T3 cell lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution

**Predicted band size:** 37 kDa



Anti-Rag A antibody (ab128196) at 1/1000 dilution + HeLa whole cell lysate at 10 µg

**Predicted band size:** 37 kDa



HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.5% TritonX 100 and reacted with anti-Rag A antibody at 1/100 dilution. As the 2nd antibody, anti-rabbit IgG antibody conjugated with Alexa Fluor 647 was used at 1/1,000 dilution. DNA was stained with DAPI and the merged image was shown on right.

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

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