

### Anti-RTN3/HAP antibody ab68328

敲除验证

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#### 概述

产品名称	Anti-RTN3/HAP抗体
描述	小鼠多克隆抗体to RTN3/HAP
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human RTN3/HAP aa 1-236. Database link: <a href="#">NP_006045.1</a>
阳性对照	WB: Wild-type HEK-293T, HeLa, U-87 MG, and RTN3/HAP transfected 293T cell lysates.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: 100% PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

#### 应用

The Abpromise guarantee

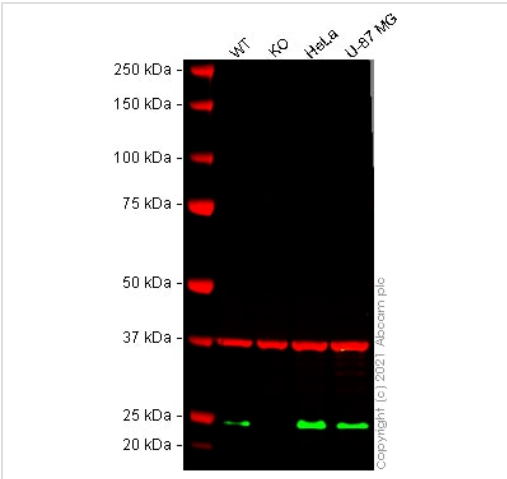
Abpromise™承诺保证使用ab68328于以下的经测试应用

“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		1/500 - 1/1000. Detects a band of approximately 22 kDa (predicted molecular weight: 26 kDa).

靶标	
功能	May be involved in membrane trafficking in the early secretory pathway. Inhibits BACE1 activity and amyloid precursor protein processing. May induce caspase-8 cascade and apoptosis. May favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, RTN3 may be involved in the viral replication or pathogenesis.
组织特异性	Isoform 3 is widely expressed, with highest levels in brain, where it is enriched in neuronal cell bodies from gray matter (at protein level). Three times more abundant in macula than in peripheral retina. Isoform 1 is expressed at high levels in brain and at low levels in skeletal muscle. Isoform 2 is only found in melanoma.
序列相似性	Contains 1 reticulon domain.
细胞定位	Endoplasmic reticulum membrane. Golgi apparatus membrane.

图片



Western blot - Anti-RTN3/HAP antibody (ab68328)

**All lanes :** Anti-RTN3/HAP antibody (ab68328) at 1/500 dilution

**Lane 1 :** Wild-type HEK-293T cell lysate

**Lane 2 :** RTN3 knockout HEK-293T cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** U-87 MG cell lysate

Lysates/proteins at 20 µg per lane.

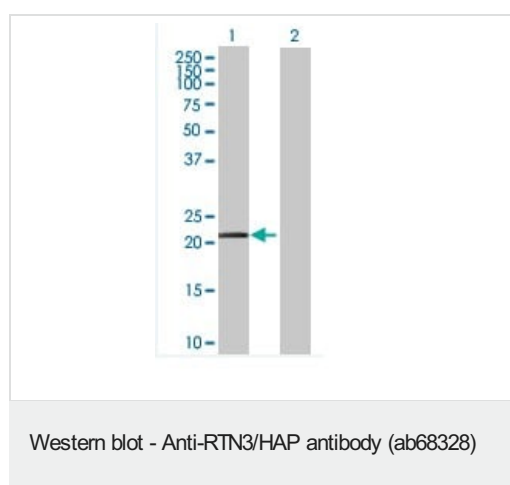
Performed under reducing conditions.

**Predicted band size:** 26 kDa

**Observed band size:** 24 kDa

False colour image of Western blot: Anti-RTN3/HAP antibody staining at 1/500 dilution, shown in green; Rabbit Anti-GAPDH antibody [EPR16891] ([ab181602](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab68328 was shown to bind specifically to RTN3/HAP. A band was observed at

24 kDa in wild-type HEK-293T cell lysates with no signal observed at this size in RTN3 knockout cell line [ab266517](#) (knockout cell lysate [ab258647](#)). To generate this image, wild-type and RTN3 knockout HEK-293T cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3 % milk in TBS-0.1 % Tween® 20 (TBS-T) before incubation with primary antibodies overnight at 4°C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Mouse IgG H&L (IRDye® 800CW) preabsorbed ([ab216772](#)) and Goat anti-Rabbit IgG H&L (IRDye® 680RD) preabsorbed ([ab216777](#)) at 1/20000 dilution.



**All lanes :** Anti-RTN3/HAP antibody (ab68328) at 1/500 dilution

**Lane 1 :** RTN3/HAP transfected 293T cell lysate

**Lane 2 :** non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 26 kDa

**Observed band size:** 22 kDa

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

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