

# Anti-GOLPH3/MIDAS antibody ab91492

★★★★★ [1 Abreviews](#) [9 References](#) [5 图像](#)

## 概述

产品名称	Anti-GOLPH3/MIDAS抗体
描述	兔多克隆抗体to GOLPH3/MIDAS
宿主	Rabbit
经测试应用	适用于: ICC, WB
种属反应性	与反应: Rat
免疫原	Synthetic peptide corresponding to Human GOLPH3/MIDAS (N terminal). Database link: <a href="#">AAH12123</a>
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.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
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ab91492于以下的经测试应用

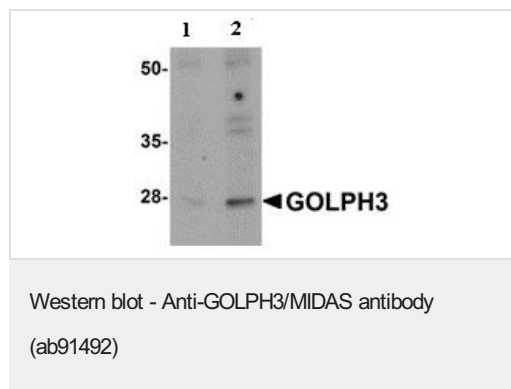
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use at an assay dependent concentration.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 34 kDa.

## 靶标

功能	Involved in modulation of mTOR signaling. Involved in the regulation of mitochondrial lipids, leading to increase of mitochondrial mass. Potential oncogene.
组织特异性	Detected in muscle fibers of patients with mitochondrial diseases; not detected in normal muscle fibers.
序列相似性	Belongs to the GOLPH3/VPS74 family.
翻译后修饰	Phosphorylated.
细胞定位	Cell membrane. Endosome. Cytoplasm. Golgi apparatus > Golgi stack membrane. Mitochondrion intermembrane space.

## 图片



**Lane 1 :** Anti-GOLPH3/MIDAS antibody (ab91492) at 0.5 µg/ml

**Lane 2 :** Anti-GOLPH3/MIDAS antibody (ab91492) at 1 µg/ml

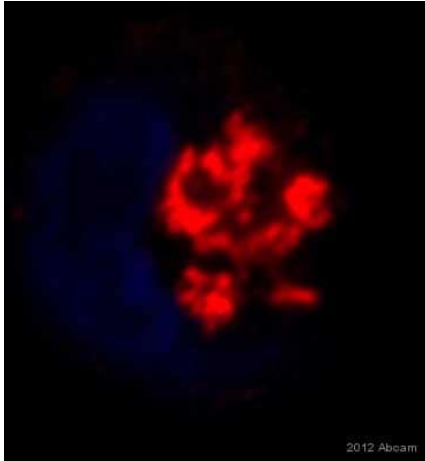
**All lanes :** rat lung tissue lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 34 kDa

**Observed band size:** 28 kDa

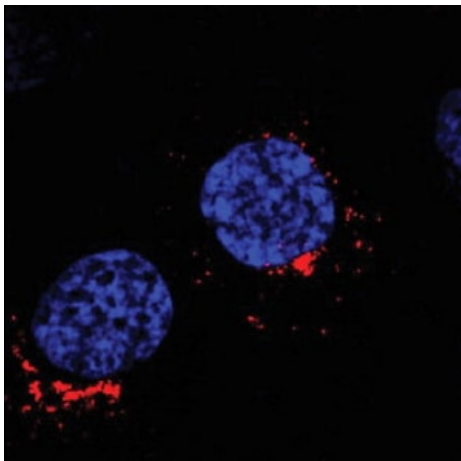
**Additional bands at:** 38 kDa, 42 kDa, 50 kDa. We are unsure as to the identity of these extra bands.



Immunocytochemistry - Anti-GOLPH3/MIDAS  
antibody (ab91492)

Image courtesy of Armen Petrosyan by Abreview.

ab91492 staining GOLPH3/MIDAS in human K562 cells by Immunocytochemistry/ Immunofluorescence. Cells were fixed in formaldehyde, blocked with 2% serum for 1 hour at 22°C and then incubated with ab91492 at a 1/150 dilution for 1 hour at 22°C. The secondary used was a DyLight 594 conjugated donkey anti-rabbit polyclonal used at a 1/200 dilution. Blue is nucleus staining by DAPI, red is GOLPH3/MIDAS.

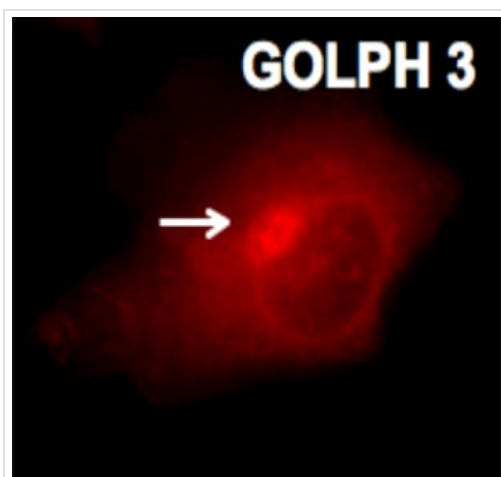


Immunocytochemistry - Anti-GOLPH3/MIDAS  
antibody (ab91492)

Image from Bishé B et al., J Biol Chem 287:27637-47 (2012) Fig 6.; doi: 10.1074/jbc.M112.346569; August 10, 2012, The Journal of Biological Chemistry, 287, 27637-27647.

ab91492, staining GOLPH3/MIDAS (red) in HCV-infected Huh 7.5.1 cells, by Immunocytochemistry/ Immunofluorescence.

Cells were fixed in 3% paraformaldehyde, permeabilized and blocked in antibody-binding buffer for 2 hours at 4°C. Samples were incubated with primary antibody and a fluorescence-conjugated donkey anti-rabbit IgG was used as the secondary antibody. Nuclei were counterstained with DAPI (blue).



Immunocytochemistry - Anti-GOLPH3/MIDAS  
antibody (ab91492)

Image from Sangwung P et al., PLoS One.  
2012;7(2):e31564. Epub 2012 Feb 21. Fig 3.;  
doi:10.1371/journal.pone.0031564; February 21, 2012,  
PLoS ONE 7(2): e31564.

ab91492, staining GOLPH3/MIDAS in bovine aortic endothelial cells, by Immunocytochemistry/ Immunofluorescence.

Cells were fixed with 4% paraformaldehyde, permeabilized with 0.1% Triton X-100/PBS for 15 min at RT and blocked with 5% donkey serum/0.3% BSA/PBS for 30 min at RT. Samples were incubated with primary antibody at 1/100 dilution overnight at 4°C. An AlexaFlour®568-conjugated anti-rabbit IgG (1/500) was used as the secondary antibody.

Immunocytochemistry - Anti-GOLPH3/MIDAS  
antibody (ab91492)

Immunofluorescence of GOLPH3/MIDAS in Rat Lung cells using ab91492 at 20 ug/ml.

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

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