


Anti-GOLPH3/MIDAS antibody ab98023

★★★★★ [2 Abreviews](#) [16 References](#) [2 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: WB, ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Zebrafish 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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&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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
纯度	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.
克隆	Immunogen affinity purified
同种型	多克隆 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab98023 于以下的经测试应用

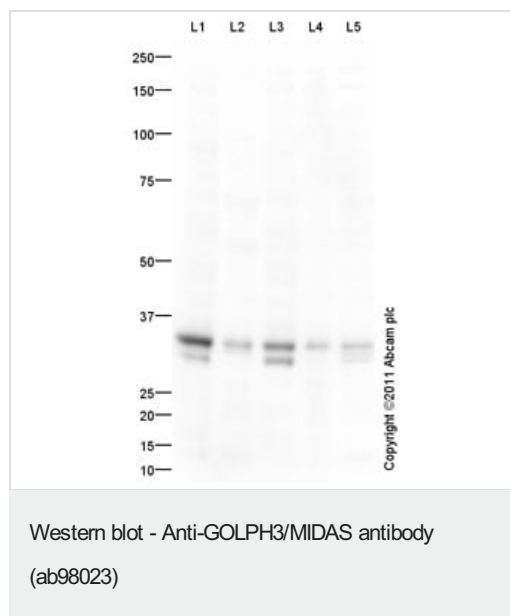
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa).
ICC/IF	★★★★★ (1)	Use a concentration of 5 µg/ml.

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



All lanes : Anti-GOLPH3/MIDAS antibody (ab98023) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : Lung (Human) Tissue Lysate

Lane 3 : A549 (Human lung adenocarcinoma epithelial cell line) Whole Cell Lysate

Lane 4 : Mouse lung normal tissue lysate - total protein ([ab29297](#))

Lane 5 : Lung (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

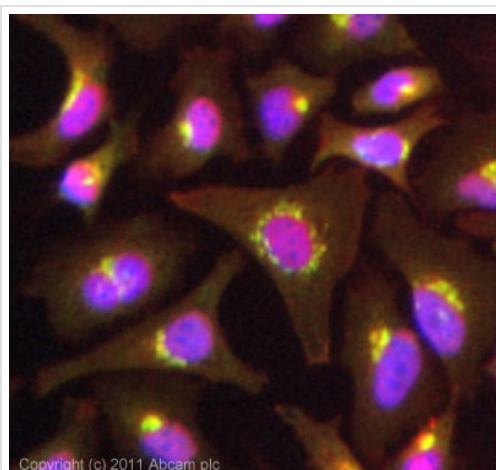
Predicted band size: 34 kDa

Observed band size: 34 kDa

Additional bands at: 32 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

The predicted molecular weight of GOLPH3/MIDAS is 34-kDa. We are unsure why we are seeing an additional band in HeLa and A549 whole cell lysates. Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.



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Immunocytochemistry/ Immunofluorescence - Anti-GOLPH3/MIDAS antibody (ab98023)

ICC/IF image of ab98023 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab98023, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 4% PFA fixed (10 min) Hek293, HepG2 and MCF7 cells at 5µg/ml.

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

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