

Anti-GOLPH3/MIDAS antibody ab91492

★★★★★ [1 Abreviews](#) [9 References](#) [画像数 5](#)

製品の概要

製品名	Anti-GOLPH3/MIDAS antibody
製品の詳細	Rabbit polyclonal to GOLPH3/MIDAS
由来種	Rabbit
アプリケーション	適用あり: ICC, WB
種交差性	交差種: Rat
免疫原	Synthetic peptide corresponding to Human GOLPH3/MIDAS (N terminal). Database link: AAH12123
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

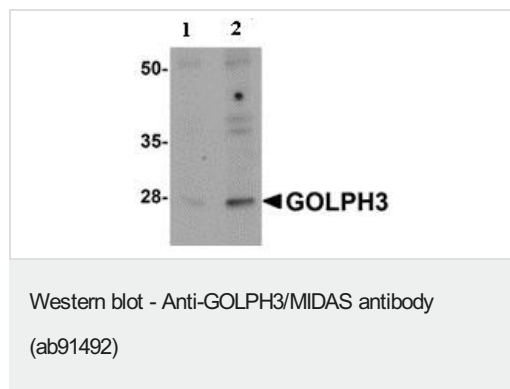
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab91492の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use at an assay dependent concentration.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 34 kDa.

ターゲット情報

機能	Involved in modulation of mTOR signaling. Involved in the regulation of mitochondrial lipids, leading to increase of mitochondrial mass. Potential oncogene.
組織特異性	Detected in muscle fibers of patients with mitochondrial diseases; not detected in normal muscle fibers.
配列類似性	Belongs to the GOLPH3/VPS74 family.
翻訳後修飾	Phosphorylated.
細胞内局在	Cell membrane. Endosome. Cytoplasm. Golgi apparatus > Golgi stack membrane. Mitochondrion intermembrane space.

画像



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

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

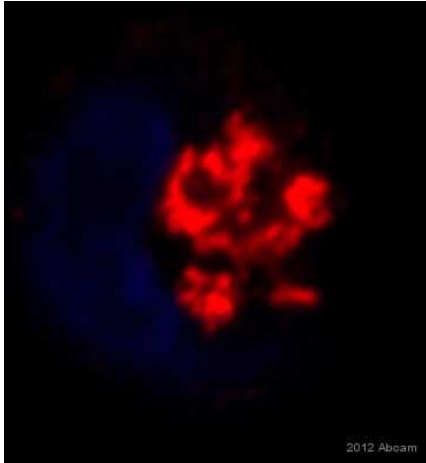
All lanes : rat lung tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 34 kDa

Observed band size: 28 kDa

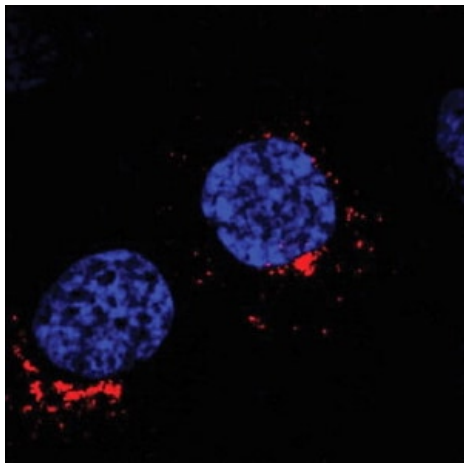
Additional bands at: 38 kDa, 42 kDa, 50 kDa. We are unsure as to the identity of these extra bands.



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.

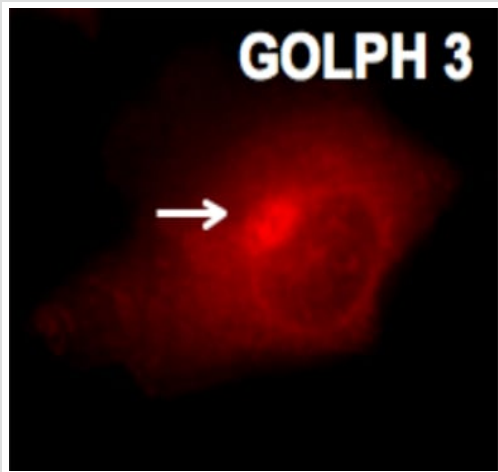


Immunocytochemistry - Anti-GOLPH3/MIDAS antibody (ab91492)

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.

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