

Anti-GRASP65 antibody ab30315

★★★★★ [4 Abreviews](#) [21 References](#) [3 图像](#)

概述

产品名称	Anti-GRASP65抗体
描述	兔多克隆抗体to GRASP65
宿主	Rabbit
经测试应用	适用于: IP, WB, ICC/IF, IHC-P, IHC-FoFr
种属反应性	与反应: Mouse, Rat, Human, Xenopus laevis
免疫原	Recombinant full length 6-his tagged protein (Mouse)

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: Whole serum, 50% Glycerol
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab30315 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。

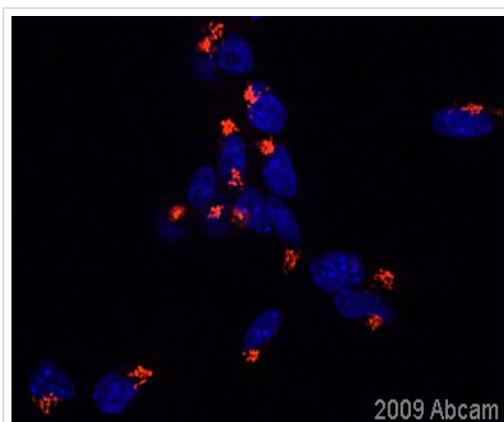
应用	Ab评论	说明
IP		Use at an assay dependent concentration.
WB	★★★★☆ (1)	1/5000 - 1/10000. Predicted molecular weight: 46 kDa.
ICC/IF	★★★★★ (1)	1/5000.
IHC-P	★★★★★ (2)	1/5000.

应用	Ab评论	说明
IHC-FoFr		Use at an assay dependent concentration. PubMed: 22355340

靶标

功能	Stacking factor involved in the postmitotic assembly of Golgi stacks from mitotic Golgi fragments. Key structural protein required for the maintenance of the Golgi apparatus integrity: its caspase-mediated cleavage is required for fragmentation of the Golgi during apoptosis. Also mediates, via its interaction with GM130, the docking of transport vesicles with the Golgi membranes.
序列相似性	Belongs to the GORASP family. Contains 1 PDZ (DHR) domain.
翻译后修饰	Phosphorylated by CDC2/B1 and PLK kinases during mitosis. Phosphorylation cycle correlates with the cisternal stacking cycle. Phosphorylation of the homodimer prevents the association of dimers into higher order oligomers, leading to cisternal unstacking. Target for caspase-3 cleavage during apoptosis. The cleavage contributes to Golgi fragmentation and occurs very early in the execution phase of apoptosis.
细胞定位	Golgi apparatus > cis-Golgi network membrane. Undergoes rapid exchange with the cytosol.

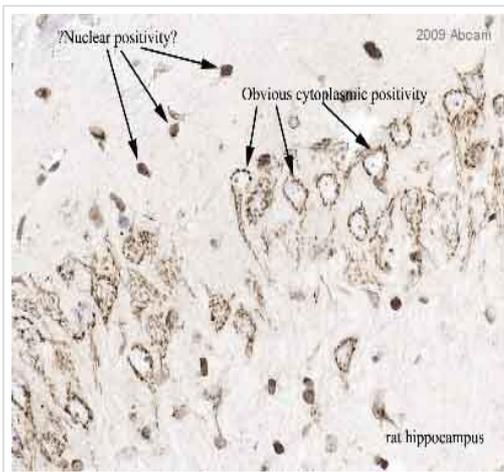
图片



GRASP65 antibody (ab30315) labelling in mouse Cor1 cell cells. Cor1 cells were fixed with formaldehyde and permeabilised. 1% BSA used as blocking agent for 10 mins. Primary antibody ab30315 incubated at rt°C at 1/5000 for 2 hours in TBS/BSA/azide/Triton. Secondary Antibody Name: anti rabbit IgG Alexa Fluor® 594 1/1000. ab30315 in Cor1 cells appears to localise discretely to an intracellular compartment that could be the Golgi Apparatus. This pattern is very similar to that in this publication: <http://jcb.rupress.org/cgi/content/full/156/3/411-a>

Immunocytochemistry/ Immunofluorescence - Anti-GRASP65 antibody (ab30315)

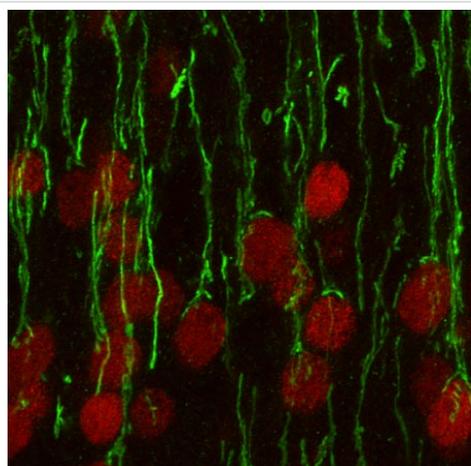
This image is courtesy of an Abreview submitted by Mr Carl Hobbs



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRASP65 antibody (ab30315)

Image courtesy of an Abreview submitted by Carl Hobbs.

ab30315 staining GRASP65 in rat hippocampal tissue (sub-region) by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed using citric acid pH 6.0. Samples were then blocked with 1% BSA for 10 minutes at room temperature followed by incubation with the primary antibody at a 1/6000 dilution for 16 hours. A biotin-conjugated anti-rabbit was used as secondary antibody at a 1/300 dilution. Nuclei are lightly counterstained with Haemalum.



Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-GRASP65 antibody (ab30315)

Image from Matsuki T et al., PLoS One. 2012;7(2):e31152. Epub 2012 Feb 15. Fig 5.; doi:10.1371/journal.pone.0031152; February 15, 2012, PLoS ONE 7(2): e31152.

ab30315, staining GRASP65 (green) in murine hippocampus tissue by Immunohistochemistry (PFA perfusion fixed frozen sections).

Sections were incubated with primary antibody and an AlexaFluor®488-conjugated donkey anti-rabbit IgG was used as the secondary antibody.

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