abcam

Product datasheet

Anti-Cytohesin 2 antibody [10A12] ab2728

3 References 5 图像

概述

产品名称	Anti-Cytohesin 2抗体[10A12]
描述	小鼠单克隆抗体[10A12] to Cytohesin 2
宿主	Mouse
特异性	Detects recombinant human cytohesin-2 (ARNO).
经测试应用	**适用于:** ICC/IF, IHC-P **不适用于:** WB
种属反应性	**与反应:** Mouse, Human
免疫原	Recombinant full length protein (His-tag) corresponding to Human Cytohesin 2. Database link: **Q99418**
常规说明	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. 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

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	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% PBS
纯化说明	PEG purified IgG1
克隆	单克隆
克隆编号	10A12
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab2728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/IF		1/20.
IHC-P		1/25 - 1/200.

应用说明 Is unsuitable for WB.

靶标

功能 Acts as a guanine-nucleotide exchange factor (GEF). Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Promotes the activation of ARF factors through replacement of GDP with GTP. The cell membrane form, in association with ARL4 proteins, recruits ARF6 to the plasma membrane.

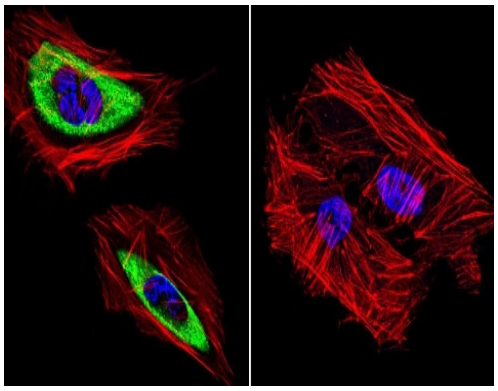
组织特异性 Ubiquitous.

序列相似性 Contains 1 PH domain.
Contains 1 SEC7 domain.

结构域 The PH domain is necessary and sufficient for plasma membrane relocalization.

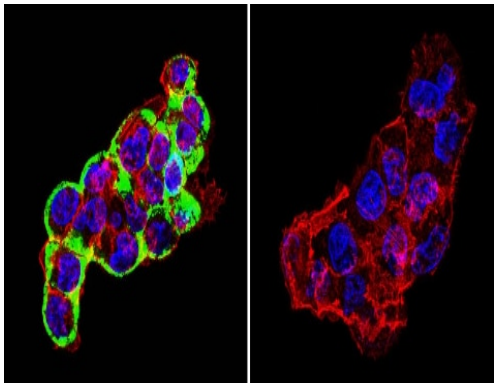
细胞定位 Cell membrane. Cytoplasm. Both isoform 1 and isoform 2 are recruited to the cell membrane through its association with ARL4A, ARL4C and ARL4D. Requires also interaction with phosphoinositides for targeting to plasma membrane.

图片



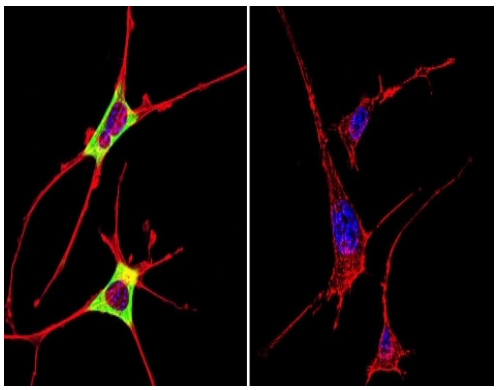
Immunocytochemistry/ Immunofluorescence - Anti-Cytohesin 2 antibody [10A12] (ab2728)

Immunocytochemistry/Immunofluorescence analysis of Cytohesin 2 in HeLa cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with ab2728 (1:100) overnight at 4°C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Cytohesin 2 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.



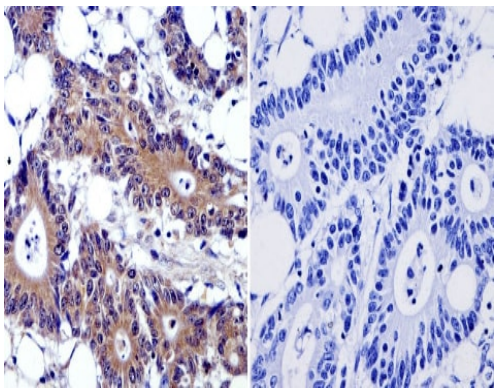
Immunocytochemistry/ Immunofluorescence - Anti-Cytohesin 2 antibody [10A12] (ab2728)

Immunocytochemistry/Immunofluorescence analysis of Cytohesin 2 in HepG2 cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with ab2728 (1:100) overnight at 4°C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Cytohesin 2 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.



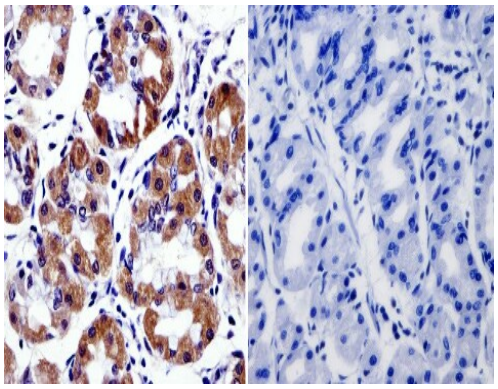
Immunocytochemistry/ Immunofluorescence - Anti-Cytohesin 2 antibody [10A12] (ab2728)

Immunocytochemistry/Immunofluorescence analysis of Cytohesin 2 in NIH-3T3 cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with ab2728 (1:100) overnight at 4°C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Cytohesin 2 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytohesin 2 antibody [10A12] (ab2728)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) was performed on normal biopsies of deparaffinized human colon carcinoma tissue. Heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes. Tissues were blocked in 3% BSA-PBS for 30 minutes at room temperature and incubated with ab2728 (1:50) or without primary antibody (negative control) overnight at 4°C in a humidified chamber. Tissues were washed with PBST and endogenous peroxidase activity was quenched with a peroxidase suppressor. Detection was performed using a biotin-conjugated secondary antibody and SA-HRP, followed by colorimetric detection using DAB. Tissues were counterstained with hematoxylin and prepped for mounting.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytohesin 2 antibody [10A12] (ab2728)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) was performed on normal biopsies of deparaffinized human stomach tissue. Heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes. Tissues were blocked in 3% BSA-PBS for 30 minutes at room temperature and incubated with ab2728 (1:50) or without primary antibody (negative control) overnight at 4°C in a humidified chamber. Tissues were washed with PBST and endogenous peroxidase activity was quenched with a peroxidase suppressor. Detection was performed using a biotin-conjugated secondary antibody and SA-HRP, followed by colorimetric detection using DAB. Tissues were counterstained with hematoxylin and prepped for mounting.

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