abcam

Product datasheet

Anti-Paxillin (phospho Y31) antibody ab4832

8 References   3 图像

概述

产品名称	Anti-Paxillin (phospho Y31)**抗体**
描述	**兔多克隆抗体**to Paxillin (phospho Y31)
宿主	Rabbit
经测试应用	**适用于:** ICC/IF, WB
种属反应性	**与反应:** Mouse, Human
	预测可用于: Chicken ⚠
免疫原	Synthetic peptide corresponding to Human Paxillin (phospho Y31).
阳性对照	ICC: NIH/3T3 (mouse embryo fibroblast cell line), NMμMG (mouse mammary) cells. WB: A431 (human epidermoid carcinoma cell line), HeLa (human epithelial cell line from cervix adenocarcinoma), NIH/3T3 (mouse embryo fibroblast cell line), A549 (human lung carcinoma cell line) cell lysate.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.05% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.1% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from rabbit serum by sequential epitope-specific chromatography. The antibody has been negatively preadsorbed using i) a non-phosphopeptide corresponding to the site of phosphorylation to remove antibody that is reactive with non-phosphorylated paxillin, and ii) a

generic tyrosine phosphorylated peptide to remove antibody that is reactive with phosphotyrosine, irrespective of the sequence. The final product is generated by affinity chromatography using a paxillin-derived peptide that is phosphorylated at tyrosine 31.

克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab4832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。

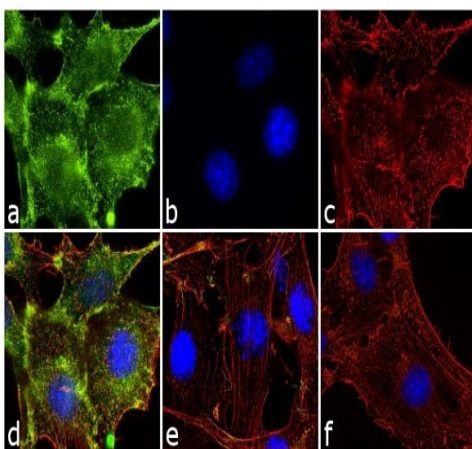| 应用	Ab评论	说明
ICC/IF		1/250.
WB		1/1000. Predicted molecular weight: 68 kDa.

靶标

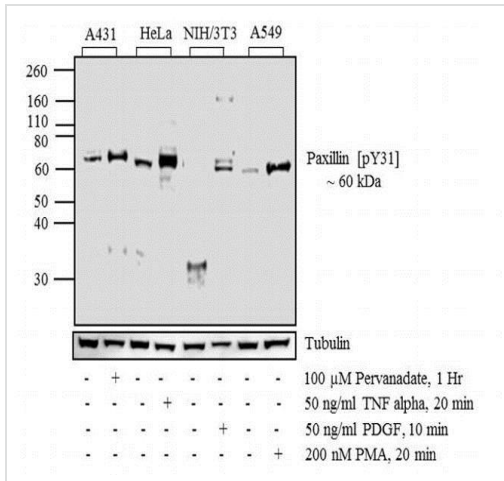|	
功能	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion).
序列相似性	Belongs to the paxillin family. Contains 4 LIM zinc-binding domains.
翻译后修饰	Phosphorylated on tyrosine residues during integrin-mediated cell adhesion, embryonic development, fibroblast transformation and following stimulation of cells by mitogens.
细胞定位	Cytoplasm > cytoskeleton. Cell junction > focal adhesion.

图片

Immunocytochemistry/ Immunofluorescence - Anti-Paxillin (phospho Y31) antibody (ab4832)

Immunocytochemistry/ Immunofluorescence of NIH/3T3 (mouse embryo fibroblast cell line) treated with 50 ng of PDGF for 10 minutes with ab4832 (1/250). A Goat anti-Rabbit IgG (H+L) Alexa Fluor® 488 conjugate (1/2000) was used as a secondary (Green). DAPI (Blue) was used as a counter stain. F-actin was stained with Alexa Fluor® 555 Rhodamine Phalloidin (1/300). Panel e is untreaded cells and panel f had no primary antibody.

Western blot - Anti-Paxillin (phospho Y31) antibody (ab4832)

All lanes : Anti-Paxillin (phospho Y31) antibody (ab4832)

Lane 1 : A431 (human epidermoid carcinoma cell line) whole cell lysate

Lane 2 : A431 (human epidermoid carcinoma cell line) whole cell lysate treated for 1 Hr with 100 µM of Pervanadate

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 4 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate treated for 20 minutes with 50 ng/mL of TNF alpha

Lane 5 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate

Lane 6 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate treated for 10 minutes with 50 ng/mL of PDGF

Lane 7 : A549 (human lung carcinoma cell line) whole cell lysate

Lane 8 : A549 (human lung carcinoma cell line) whole cell lysate treated for 20 minutes with 200 nM of PMA

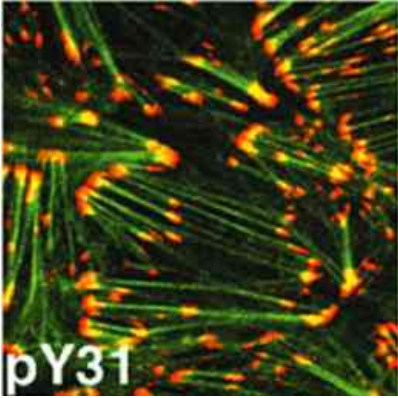Lysates/proteins at 20 µl per lane.

Secondary

All lanes : Goat anti-Rabbit IgG (H+L) HRP conjugate at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 68 kDa
Observed band size: 60 kDa

ab4832 was diluted between 1/500 and 1/2000.

Colocalization of phospho Paxillin and actin in TGF-beta treated NMµMG (mouse mammary) cells. Green = actin stress fibers, Orange = Paxillin [pY31], Yellow = colocalization.

Immunocytochemistry/ Immunofluorescence - Anti-Paxillin (phospho Y31) antibody (ab4832)

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