




Anti-PDIA6 antibody ab11432

16 References **3 图像**

概述

产品名称	Anti-PDIA6抗体
描述	兔多克隆抗体to PDIA6
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human 预测可用于: Rat, Hamster, Xenopus laevis, Zebrafish 
免疫原	Synthetic peptide corresponding to Human PDIA6 aa 476-492. Sequence: DIDLSDVELDDLKDEL (Peptide available as ab11432) <div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: A549, A431, HeLa, MCF7, Caco-2, HepG2, K-562 and COLO 205 cell lysates ICC/IF: A549 and HeLa cells.
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. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide
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ab11432于以下的经测试应用

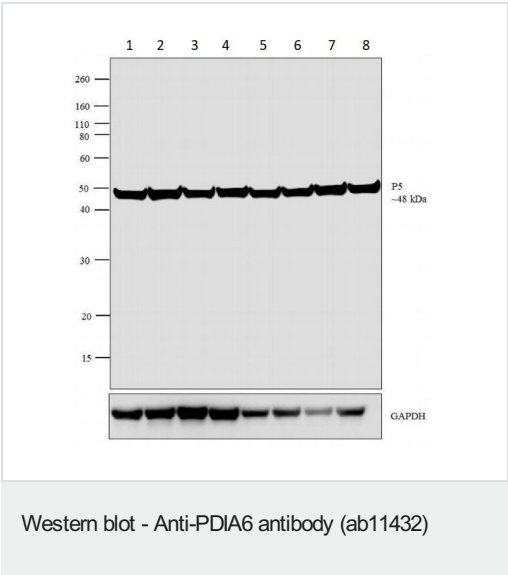
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/250.
WB		1/250. Detects a band of approximately 50 kDa.Can be blocked with <u>Rabbit polyclonal to PDIA6 (ab11432)</u> .

靶标

功能	May function as a chaperone that inhibits aggregation of misfolded proteins. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.
组织特异性	Expressed in platelets (at protein level).
序列相似性	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
细胞定位	Endoplasmic reticulum lumen. Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



All lanes : Anti-PDIA6 antibody (ab11432) at 1/250 dilution

- Lane 1 : A549 cell lysate
- Lane 2 : A431 cell lysate
- Lane 3 : HeLa cell lysate
- Lane 4 : MCF7 cell lysate
- Lane 5 : K-562 cell lysate
- Lane 6 : Caco-2 cell lysate
- Lane 7 : HepG2 cell lysate
- Lane 8 : COLO 205 cell lysate

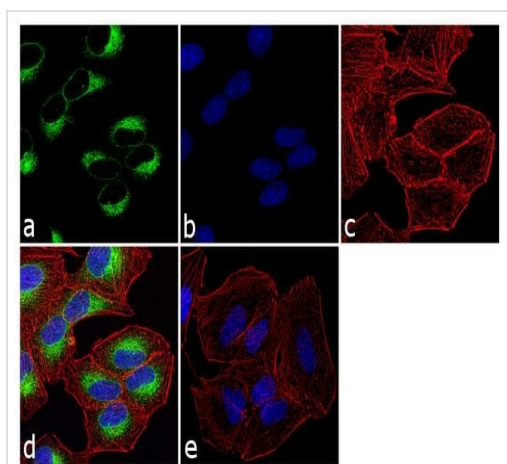
Lysates/proteins at 30 µg per lane.

Secondary

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

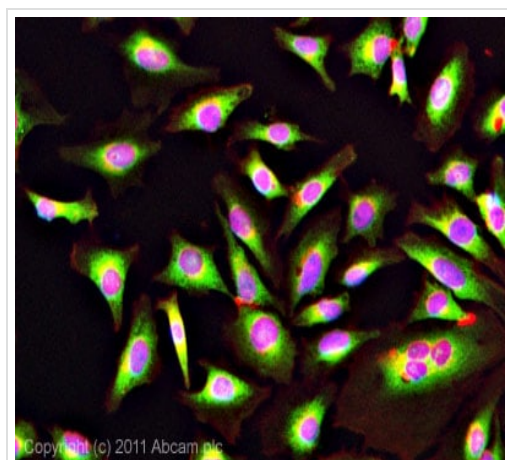
Observed band size: 48 kDa

Detected by chemiluminescence.



Immunocytochemistry/ Immunofluorescence - Anti-PDIA6 antibody (ab11432)

Immunocytochemistry/ Immunofluorescence analysis of 70% confluent log phase A549 cells labeling PDIA6 with ab11432. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with ab11432 at 1/250 dilution in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor® 488 conjugate at a dilution of 1/2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI. F-actin (Panel c: red) was stained with Rhodamine Phalloidin, 1/300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



Immunocytochemistry/ Immunofluorescence - Anti-PDIA6 antibody (ab11432)

ICC/IF image of ab11432 stained HeLa cells. The cells were 4% formaldehyde 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 (ab11432, 1µg/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.

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