

Product datasheet

Anti-P97/DAP5 antibody ab97302

★★★★★ 2 Abreviews 3 图像

概述

产品名称	Anti-P97/DAP5抗体
描述	兔多克隆抗体to P97/DAP5
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Cow
免疫原	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 204 of Human DAP5 (NP_001409)
阳性对照	A431 whole cell lysate and Cal27. IF/ICC: HeLa cell line.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 40% Glycerol, PBS, pH 7.0
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab97302** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

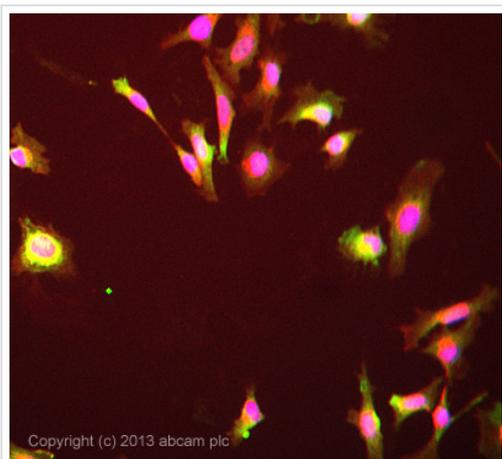
应用	Ab评论	说明
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 102 kDa.
IHC-P		1/100.

应用	Ab评论	说明
ICC/IF		Use a concentration of 10 µg/ml.

靶标

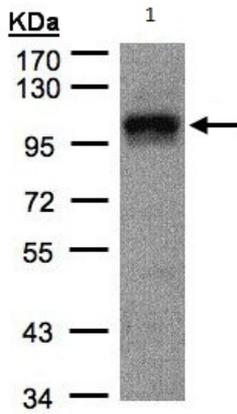
功能	Appears to play a role in the switch from cap-dependent to IRES-mediated translation during mitosis, apoptosis and viral infection. Cleaved by some caspases and viral proteases.
组织特异性	Ubiquitously expressed in all adult tissues examined, with high levels in skeletal muscle and heart. Also expressed in fetal brain, lung, liver and kidney.
序列相似性	Belongs to the eIF4G family. Contains 1 MI domain. Contains 1 MIF4G domain. Contains 1 W2 domain.
翻译后修饰	Phosphorylation; hyperphosphorylated during mitosis.

图片



ICC/IF image of ab97302 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 (ab97302, 10µg/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.

Immunocytochemistry/ Immunofluorescence - Anti-DAP5 antibody (ab97302)

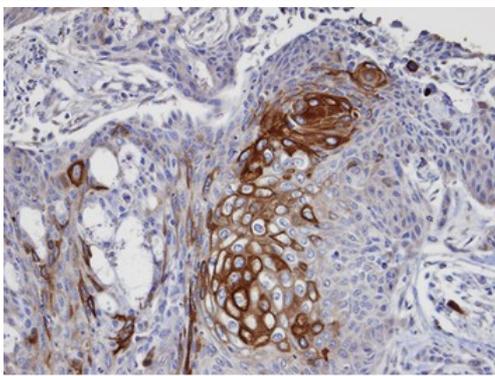


Western blot - Anti-DAP5 antibody (ab97302)

Anti-P97/DAP5 antibody (ab97302) at 1/1000 dilution + A431 whole cell lysate at 30 μ g

Predicted band size: 102 kDa

7.5% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DAP5 antibody (ab97302)

Immunohistochemical analysis of paraffin-embedded Cal27, using ab97302 at 1/100 dilution

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