


Anti-P97/DAP5 antibody ab97302

★★★★★ [2 Abreviews](#) [1 References](#) [7 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: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Cow 
免疫原	Recombinant fragment corresponding to Human P97/DAP5 aa 1-204. Database link: P78344
阳性对照	WB: A431 whole cell lysate. Mouse brain whole cell lysate. IHC-P: Cal27 xenograft, human skeletal muscle. Mouse hind brain tissue. IF/ICC: HeLa cell line.
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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 59.99% PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97302于以下的经测试应用

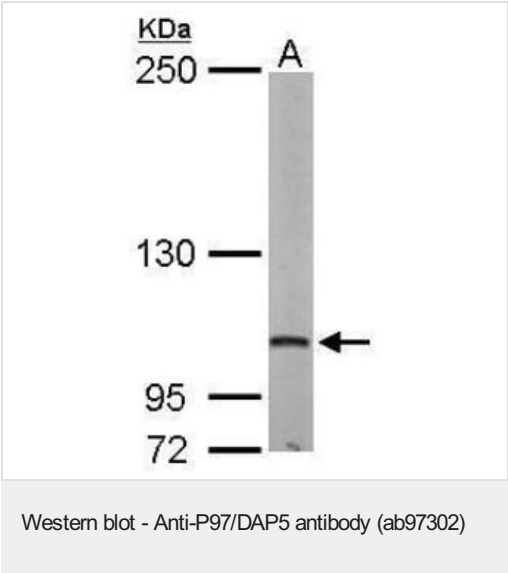
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
WB	★★★★★ (2)	1/500 - 1/3000. Predicted molecular weight: 102 kDa.
IHC-P		1/100 - 1/1000.

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.

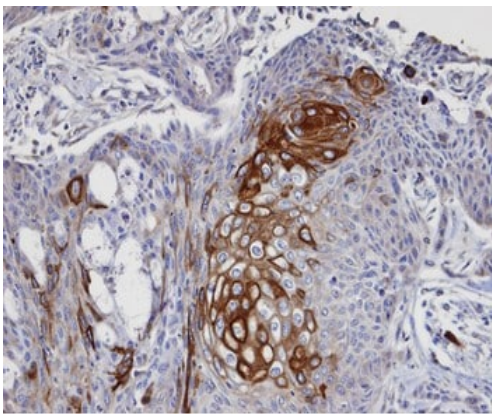
图片



Anti-P97/DAP5 antibody (ab97302) at 1/500 dilution + Mouse brain whole cell lysate at 50 µg

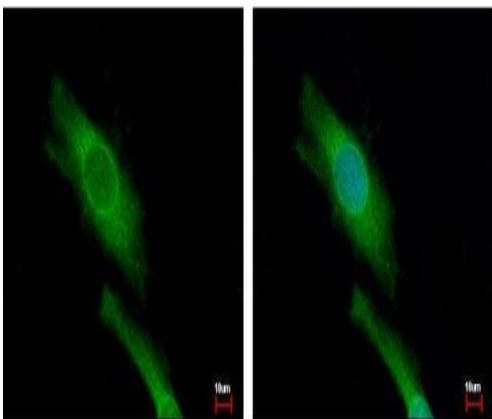
Predicted band size: 102 kDa

5% SDS PAGE



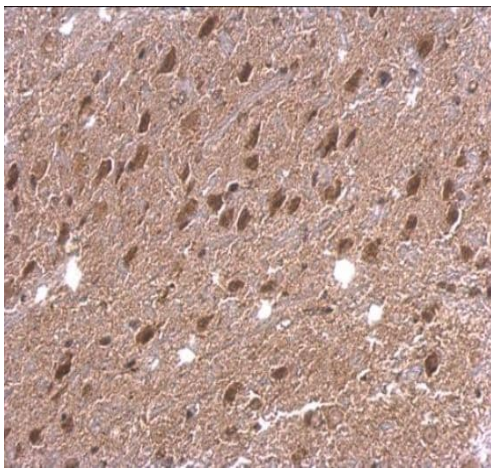
Immunohistochemical analysis of paraffin-embedded Cal27 xenograft using ab97302 at 1/100 dilution

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-P97/DAP5 antibody (ab97302)



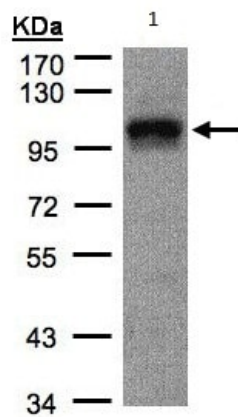
HeLa cells stained for EIF4G2 (green) using ab97302 at 1/500 dilution in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-P97/DAP5 antibody (ab97302)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-P97/DAP5 antibody (ab97302)

Paraffin embedded mouse hind brain tissue stained for DAP5 using ab97302 at 1/500 dilution in immunohistochemical analysis.

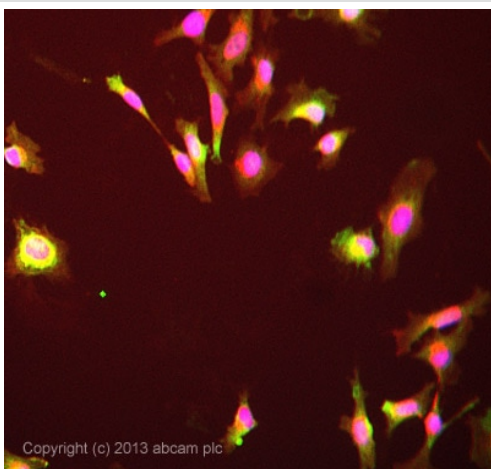


Western blot - Anti-P97/DAP5 antibody (ab97302)

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

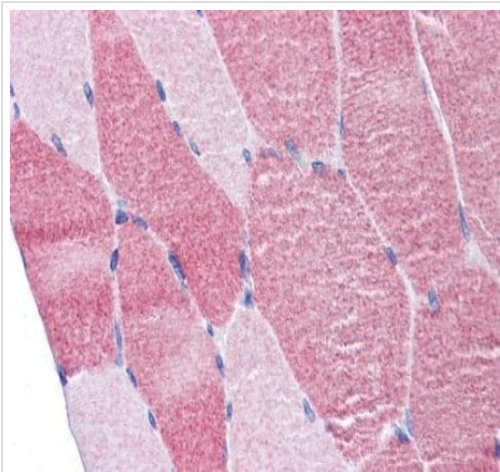
Predicted band size: 102 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-P97/DAP5 antibody (ab97302)

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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-P97/DAP5 antibody (ab97302)

Paraffin embedded human skeletal muscle tissue stained for DAP5 using ab97302 at 10 µg/ml in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors