# abcam

### Product datasheet

## Anti-RPS3 antibody [EPR7808] - Ribosome Marker ab128995

重组 RabMAb

2 References 5 图像

概述

产品名称 Anti-RPS3抗体[EPR7808] - Ribosome Marker

描述 兔单克隆抗体[EPR7808] to RPS3 - Ribosome Marker

宿主 Rabbit

适用于: ICC/IF, WB, IHC-P 经测试应用

不适用于: Flow Cyt or IP

种属反应性 与反应: Mouse, Rat, Human

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

阳性对照 WB: HepG2, PC-12 and Neuro-2a lysate IHC-P: Human kidney tissue ICC/IF: Neuro-2a cells

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

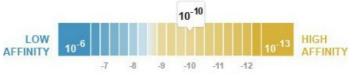
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

性能

形式 Liquid

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

 $K_D = 1.36 \times 10^{-10} M$ 解离常数(KD)



Learn more about K<sub>D</sub>

存储溶液 pH: 7.20

Preservative: 0.01% Sodium azide

Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

supernatant

纯**度** Protein A purified

**克隆** 单克隆

**克隆编号** EPR7808

**同种型** IgG

#### 应用

#### The Abpromise guarantee Abpromise™承诺保证使用ab128995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		1/100.
WB		1/1000 - 1/10000. Predicted molecular weight: 27 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

应用说明 Is unsuitable for Flow Cyt or IP.

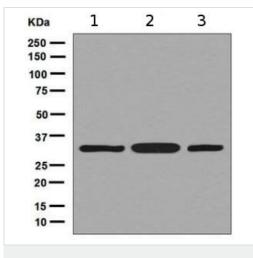
#### 靶标

序列相似性 Belongs to the ribosomal protein S3P family.

Contains 1 KH type-2 domain.

细胞定位 Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

#### 图片



Western blot - Anti-RPS3 antibody [EPR7808] -

Ribosome Marker (ab128995)

**All lanes :** Anti-RPS3 antibody [EPR7808] - Ribosome Marker (ab128995) at 1/1000 dilution

Lane 1 : HepG2 cell lysate

Lane 2 : PC-12 cell lysate

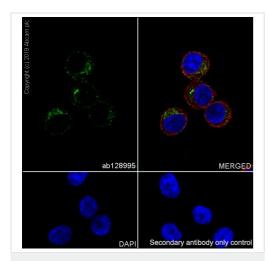
Lane 3 : Neuro-2a cell lysate

Lysates/proteins at 10  $\mu g$  per lane.

#### Secondary

All lanes: HRP labelled goat anti-rabbit at 1/2000 dilution

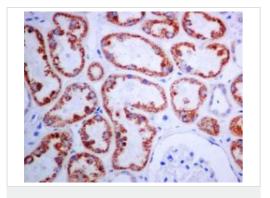
Predicted band size: 27 kDa



Immunocytochemistry/ Immunofluorescence - Anti-RPS3 antibody [EPR7808] - Ribosome Marker (ab128995)

Immunocytochemistry/ Immunofluorescence analysis of Neuro-2a (mouse neuroblastoma neuroblast) labeling RPS3 with ab128995 at 1/100 dilution. <a href="mailto:ab150077">ab150077</a>, Goat anti rabbit lgG (Alexa Fluor® 488) at 1/1000 was used as the secondary antibody. Cells were fixed with 100% Methanol. <a href="mailto:ab195889">ab195889</a>, Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) at 1/00 was used as counterstain. Nuclei were stained blue with DAPI.

Confocal image showing cytoplasmic staining in Neuro-2a cells.

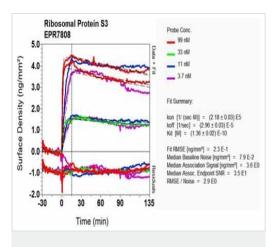


Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-RPS3 antibody

[EPR7808] - Ribosome Marker (ab128995)

ab128995, at a 1/50 dilution, staining RPS3 in Human kidney, using Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Ol-RD Scanning - Anti-RPS3 antibody [EPR7808] - Ribosome Marker (ab128995)

Equilibrium disassociation constant ( $K_D$ ) Learn more about  $K_D$ 

#### Click here to learn more about K<sub>D</sub>



(ab128995)

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