abcam

Product datasheet

Anti-eIF5A2 + eIF5A antibody [EPR7412-47] ab126733

重组 RabMAb

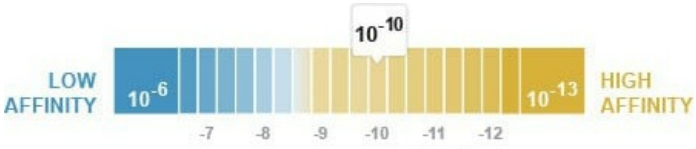
1 References 6 图像

概述

产品名称	Anti-eIF5A2 + eIF5A抗体[EPR7412-47]
描述	兔单克隆抗体[EPR7412-47] to eIF5A2 + eIF5A
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P, ICC/IF **不适用于:** IP
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide within Human eIF5A2 + eIF5A aa 100 to the C-terminus (Cysteine residue). The exact sequence is proprietary. The immunogen sequence is based upon a region of eIF5A2 that has high homology with eIF5A. Database link: **Q9GZV4**
阳性对照	HepG2 and Caco 2 cell lysates; Human ovarian carcinoma tissue; HepG2 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.
解离常数 (K_D)	K_D = 2.11 x 10^{-10} M



Learn more about K_D

存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.31% Sodium citrate, 0.175% Sodium chloride, 0.0172% EDTA disodium salt, 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7412-47
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab126733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。

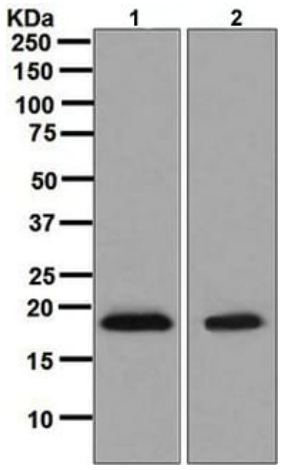
应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 17 kDa (predicted molecular weight: 17 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

应用说明 Is unsuitable for IP.

靶标

细胞定位 eIF5A2: Cytoplasm. Nucleus. Endoplasmic reticulum membrane. Nucleus > nuclear pore complex. Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions. eIF5A: Cytoplasm. Nucleus. Endoplasmic reticulum membrane. Nucleus > nuclear pore complex. Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions.

图片



Western blot - Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733)

All lanes : Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733) at 1/1000 dilution

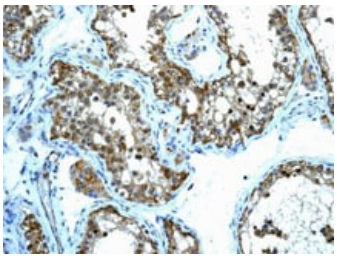
Lane 1 : HepG2 cell lysate
Lane 2 : Caco-2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat anti-rabbit HRP conjugated at 1/2000 dilution

Developed using the ECL technique.

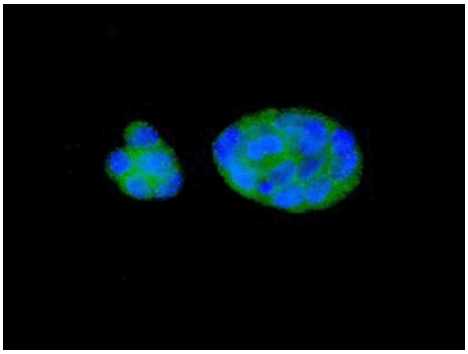
Predicted band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733)

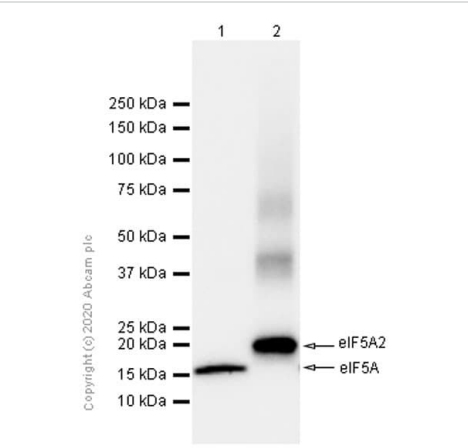
ab126733 at 1/100 dilution, staining eIF5A2 + eIF5A in Formalin-fixed Paraffin-embedded Human ovarian carcinoma tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733)

ab126733, at 1/100 dilution, staining eIF5A2 + eIF5A in HepG2 cells by Immunofluorescence (green). DAPI counterstain (blue).



Western blot - Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733)

All lanes : Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733) at 1/1000 dilution

Lane 1 : Recombinant Human eIF5A protein (**ab87457**)
Lane 2 : Recombinant Human eIF5A2 protein (**ab99140**)

Lysates/proteins at 0.01 µg per lane.

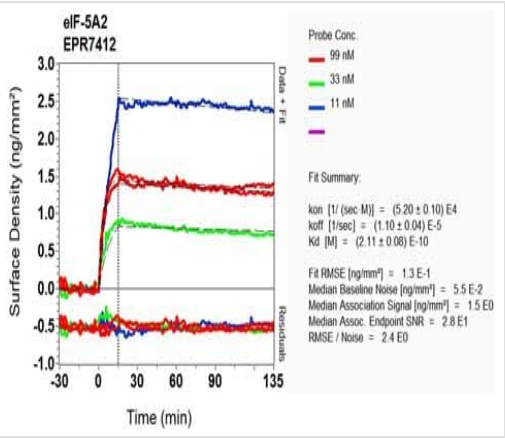
Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Developed using the ECL technique.

Predicted band size: 17 kDa
Observed band size: 15,20 kDa

Exposure time: 3 minutes

Blocking buffer: 5% NFDM/TBST

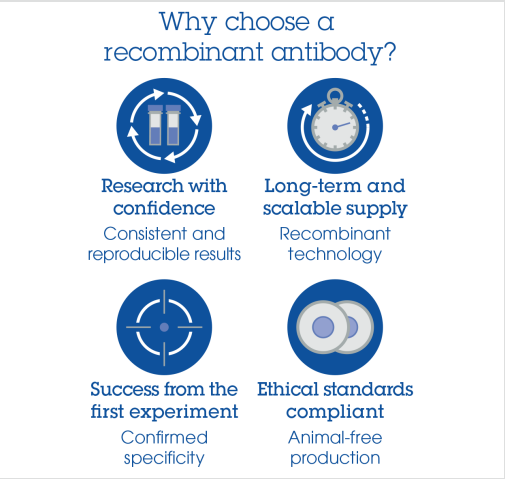


OI-RD Scanning - Anti-eIF5A2 + eIF5A antibody [EPR7412-47] (ab126733)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D



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