abcam

Product datasheet

Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] ab124953



重组 RabMAb

★★★★★ <u>1 Abreviews</u> 1 References 3 图像

概述

产品名称 Anti-Methionine Aminopeptidase 2/p67抗体[EPR6886(B)]

描述 兔单克隆抗体[EPR6886(B)] to Methionine Aminopeptidase 2/p67

宿主 Rabbit

经测试应用 适用于: Flow Cyt (Intra), WB

不适用于: ICC/IF,IHC-P or IP

种属反应性 与反应: Mouse, Rat, Human

免疫原 Synthetic peptide within Human Methionine Aminopeptidase 2/p67. The exact sequence is

proprietary.

阳性对照 HepG2, 293T, HeLa, C6, RAW 264.7, PC12 and NIH 3T3 cell lysates; Permeabilized 293T 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.

存储溶液 pH: 7.20

Preservative: 0.05% Sodium azide

Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture

supernatant

纯度 Protein A purified

克隆 单克隆

克隆编号 EPR6886(B)

同种型 lgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab124953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。

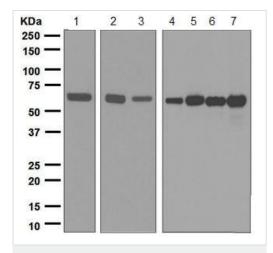
应用	Ab评论	说明
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal lgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 67 kDa (predicted molecular weight: 52 kDa).

应用说明 Is unsuitable for ICC/IF,IHC-P or IP.

靶标

功能	Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val). The catalytic activity of human METAP2 toward Met-Val peptides is consistently two orders of magnitude higher than that of METAP1, suggesting that it is responsible for processing proteins containing N-terminal Met-Val and Met-Thr sequences in vivo. Protects eukaryotic initiation factor EIF2S1 from translation-inhibiting phosphorylation by inhibitory kinases such as EIF2AK2/PKR and EIF2AK1/HCR. Plays a critical role in the regulation of protein synthesis.
序列相似性	Belongs to the peptidase M24A family. Methionine aminopeptidase eukaryotic type 2 subfamily.
翻译后修饰	Contains approximately 12 O-linked N-acetylglucosamine (GlcNAc) residues. O-glycosylation is required for EIF2S1 binding.
细胞定位	Cytoplasm. About 30% of expressed METAP2 associates with polysomes.

图片



Western blot - Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953)

All lanes : Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953) at 1/1000 dilution

Lane 1: HepG2 cell lysates

Lane 2: 293T cell lysates

Lane 3: HeLa cell lysates

Lane 4: C6 cell lysates

Lane 5: RAW 264.7 cell lysates

Lane 6 : PC12 cell lysates

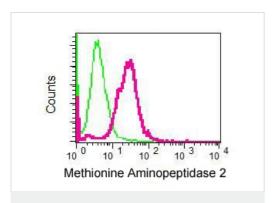
Lane 7: NIH 3T3 cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

All lanes: Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 52 kDa **Observed band size:** 67 kDa



Flow Cytometry (Intracellular) - Anti-Methionine Aminopeptidase 2/p67 antibody [EPR6886(B)] (ab124953) ab124953 at 1/10 dilution staining Methionine Aminopeptidase 2/p67 in permeabilized 293T cells by intracellular flow cytometry (red) or a Rabbit IgG (negative control) (green).



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