

Anti-eIF3B antibody [EPR5805] ab124778

重组 RabMAb

2 References 3 图像

概述

产品名称	Anti-eIF3B抗体[EPR5805]
描述	兔单克隆抗体[EPR5805] to eIF3B
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt, ICC/IF or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human eIF3B aa 750-850. The exact sequence is proprietary.
阳性对照	WB: 293T, Jurkat, HeLa or Caco 2 cell lysates IHC-P: Human colon tissue
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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EPR5805

同种型IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab124778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 116 kDa (predicted molecular weight: 92 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.

应用说明

Is unsuitable for Flow Cyt,ICC/IF or IP.

靶标

功能

Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

序列相似性

Belongs to the eIF-3 subunit B family.
Contains 1 RRM (RNA recognition motif) domain.
Contains 5 WD repeats.

结构域

The RRM domain mediates interaction with EIF3J.

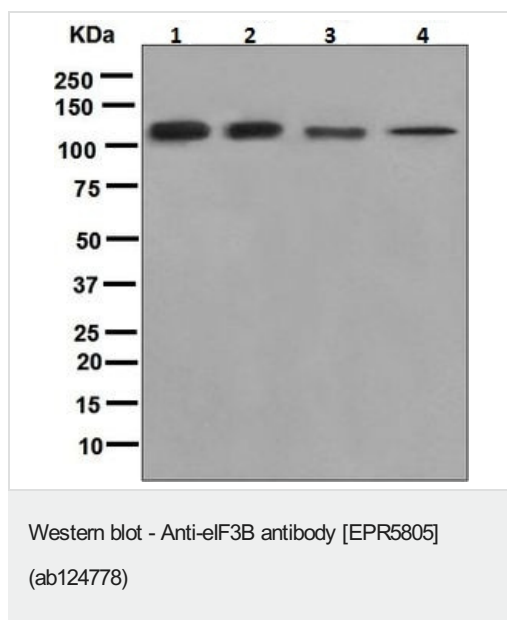
翻译后修饰

Phosphorylated. Phosphorylation is enhanced upon serum stimulation.

细胞定位

Cytoplasm.

图片



All lanes : Anti-eIF3B antibody [EPR5805] (ab124778) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : HeLa cell lysate

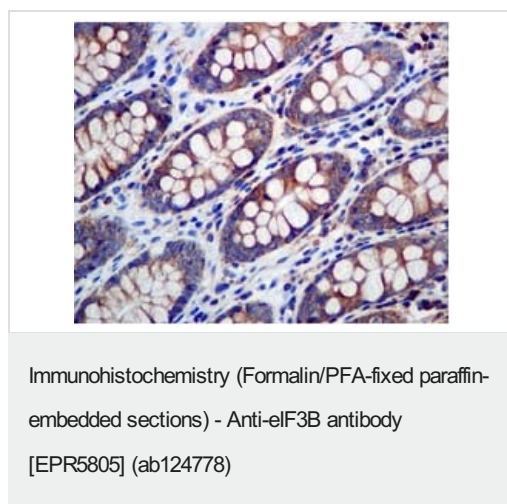
Lane 4 : Caco 2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 92 kDa



ab124778, at 1/50, staining eIF3B in formalin fixed paraffin embedded Human colon tissue using immunohistochemistry.

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

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-eIF3B antibody [EPR5805] (ab124778)

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

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