

Product datasheet

Anti-eIF3A antibody ab118357

★★★★★ 1 Abreviews 2 图像

概述

产品名称	Anti-eIF3A抗体
描述	小鼠单克隆抗体to eIF3A
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Rabbit, Human
免疫原	Recombinant fragment corresponding to amino acids 1-76 of Human eIF3A with proprietary 26 kDa tag (NP_003741). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	eIF3A transfected HepG2 cells

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Constituent: 99% PBS
纯度	Protein A purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab118357** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★★	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 166 kDa.

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-tRNA_i and eIF-5 to form the 43S pre-initiation 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. Essential for the initiation of translation on type-1 viral ribosomal entry sites (IRESs), like for HCV, PV, EV71 or BEV translation (PubMed:23766293, PubMed:24357634). In case of FCV infection, plays a role in the ribosomal termination-reinitiation event leading to the translation of VP2 (PubMed:18056426).

序列相似性

Belongs to the eIF-3 subunit A family.

Contains 1 PCI domain.

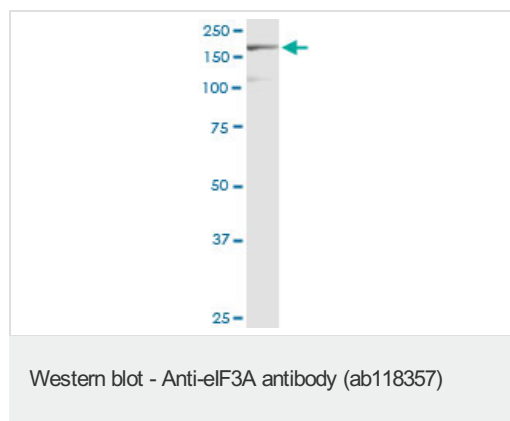
翻译后修饰

Phosphorylated. Phosphorylation is enhanced upon serum stimulation.

细胞定位

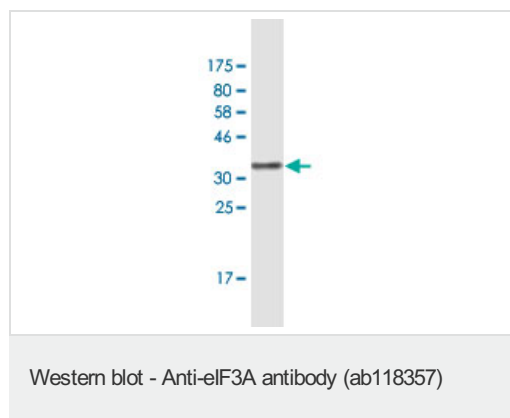
Cytoplasm.

图片



Anti-eIF3A antibody (ab118357) at 5 µg/ml +
eIF3A transfected HepG2 cell lysate at 25 µg

Predicted band size: 166 kDa



Anti-eIF3A antibody (ab118357) at 5 µg/ml +
Immunizing peptide at 0.2 µg

Predicted band size: 166 kDa

The observed band size may not correspond to the predicted protein molecular weight as the immunogen (recombinant fragment) was used for the test lane.

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