

Product datasheet

Anti-EIF3S1 antibody - Carboxyterminal end ab71416

2 图像

概述

产品名称	Anti-EIF3S1抗体- Carboxyterminal end
描述	兔多克隆抗体to EIF3S1 - Carboxyterminal end
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ELISA
种属反应性	与反应: Human
免疫原	Synthetic peptide (Human) from the C-terminal region of human EIF3S1, conjugated to KLH.
阳性对照	K562 cell line lysate.

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	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Ammonium Sulphate Precipitation
纯化说明	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab71416** 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
IHC-P		1/10 - 1/50.
WB		1/50 - 1/100. Detects a band of approximately 36 kDa (predicted molecular weight: 29 kDa).

应用	Ab评论	说明
ELISA		1/1000.

## 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<sub>i</sub> 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. This subunit binds directly within the mRNA entry channel of the 40S ribosome to the aminoacyl (A) site. It may regulate the interaction between the 43S PIC and mRNA.

### 序列相似性

Belongs to the eIF-3 subunit J family.

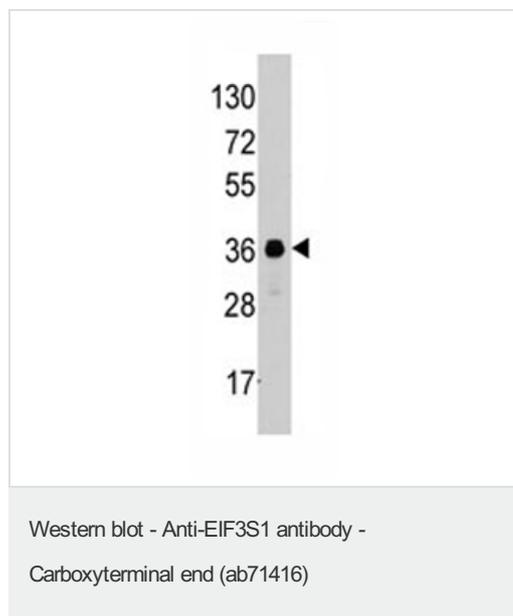
### 翻译后修饰

Phosphorylated. Phosphorylation is enhanced upon serum stimulation.

### 细胞定位

Cytoplasm.

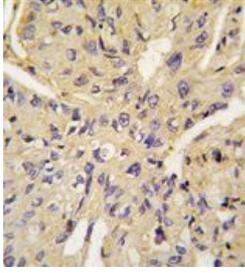
## 图片



Anti-EIF3S1 antibody - Carboxyterminal end (ab71416) at 1/60 dilution + K562 cell line lysates at 35 µg

**Predicted band size:** 29 kDa

**Observed band size:** 36 kDa



ab71416 at 1/50 dilution staining EIF3S1 - Carboxyterminal end in human lung carcinoma tissue section by Immunohistochemistry (Formalin/ PFA fixed paraffin-embedded sections). A peroxidase conjugated secondary antibody was used followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EIF3S1 antibody - Carboxyterminal end (ab71416)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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