eIF3β蛋白抗体

产品货号： mlR14544

英文名称： EIF3S2

中文名称： eIF3β 蛋白抗体

别　　名： eIF-3-beta; eIF3 beta; eIF3 p36; eIF3-beta; eIF3-p36; eIF3i; EIF3I_HUMAN; EIF3S2; EIF3S2, formerly; Eukaryotic translation initiation factor 3 subunit 2; Eukaryotic translation initiation factor 3 subunit 2 beta; Eukaryotic translation initiation factor 3 subunit I; eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD; eukaryotic translation initiation factor 3, subunit 2 beta, 36kDa; eukaryotic translation initiation factor 3, subunit 2, formerly; eukaryotic translation initiation factor 3, subunit I; Predicted protein of HQ2242; PRO2242; TGF beta receptor interacting protein 1; TGF-beta receptor-interacting protein 1; TGFbeta receptor interacting protein 1; TGFbeta receptor-interacting protein 1; TRIP 1; TRIP-1; TRIP1.

研究领域： 细胞生物　转运蛋白　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 37kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human EIF3S2:161-260/325

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ˚C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20˚C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ˚C.

PubMed : PubMed

产品介绍 ： The initiation of protein synthesis in eukaryotic cells is regulated by interactions between protein initiation factors and RNA molecules. Eukaryotic initiation factors (eIFs) are utilized in a sequence of reactions that lead to 80S ribosomal assembly and, ultimately, translation. The eukaryotic initiation factor-3 (eIF3) scaffolding structure is the largest of the eIF complexes and includes eIF3 alpha, eIF3 beta, eIF3 gamma, eIF3 delta, eIF3 epsilon, eIF3 omega, eIF3 eta, all of which function to control the assembly of the 40S ribosomal subunit. Association of eIF3 proteins with the 40S ribosomal subunit stabilizes eIF2-GTP-Met-tRNAiMet complex association and mRNA binding, and promotes dissociation of 80S ribosomes into 40S and 60S subunits, thereby promoting the assembly of the pre-initiation complex. Overexpression of eIF3 proteins is common in several cancers, suggesting a role for eIF3 proteins in tumorigenesis.

Function:

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.

Subcellular Location:

Cytoplasm.

Post-translational modifications:

Phosphorylated by TGF-beta type II receptor.

Similarity:

Belongs to the eIF-3 subunit I family.

Contains 5 WD repeats.

SWISS:

Q13347

Gene ID:

8668

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片