


Product datasheet

Anti-eIF3K antibody ab85968

画像数 2

製品の概要

製品名	Anti-eIF3K antibody
製品の詳細	Rabbit polyclonal to eIF3K
アプリケーション	適用あり: WB, IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla 
免疫原	Synthetic peptide designed within residues: SQLKVVMSKY GWSADESCQI FICSQEE SIKPKNVE KIDFDSVSSI MASSQ, corresponding to C terminal amino acids 168-218 of Human eIF3K (NP_037366.1) Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Whole cell lysates from HeLa or 293T cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab85968** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 25 kDa.

アプリケーション	Abreviews	特記事項
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IP

Use at 2-5 µg/mg of lysate.

ターゲット情報

機能

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 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.

組織特異性

Ubiquitous, with the highest levels of expression in brain, testis and kidney.

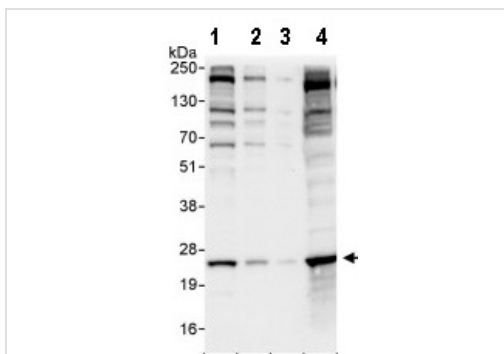
配列類似性

Belongs to the eIF-3 subunit K family.

細胞内局在

Nucleus. Cytoplasm.

画像



Western blot - eIF3K antibody (ab85968)

All lanes : Anti-eIF3K antibody (ab85968) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

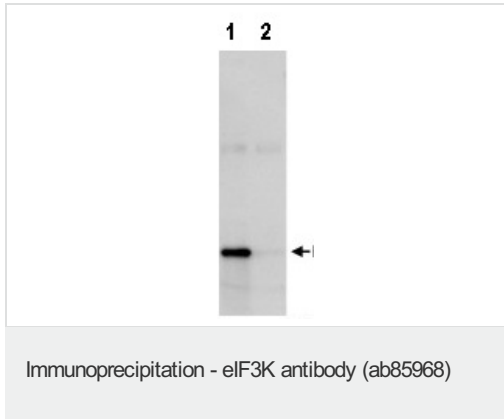
Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size : 25 kDa

Exposure time : 10 seconds



1 mg of HeLa whole cell lysate was immunoprecipitated using 3 μ g ab85968. Subsequently, 20% of IP was loaded per lane and probed with ab85968 at 1 μ g/ml (lane 1) or with a control IgG (lane 2). Detection: chemiluminescence with exposure time of 3 seconds.

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