abcam

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
由来種	Rabbit
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: SQLKVWMSKY GWSADESGQI FICSQEE SIKPKNIVE 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.
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

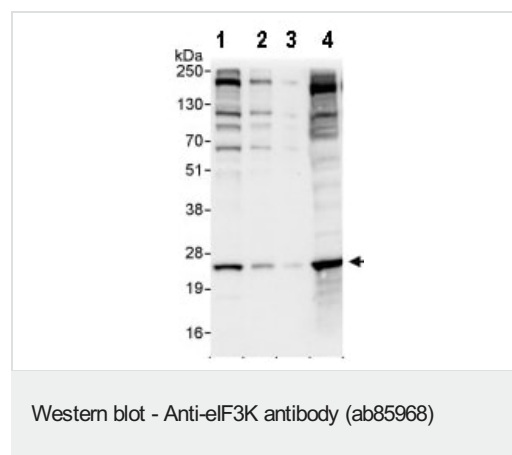|	
製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab85968の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 25 kDa.
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-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.
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 - Anti-eIF3K antibody (ab85968)

All lanes : Anti-eIF3K antibody (ab85968) at 0.04 µg/ml
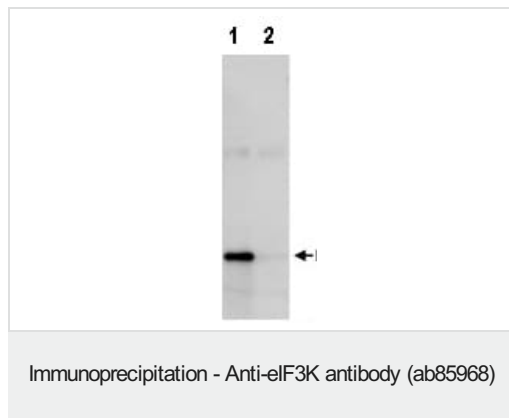
Lane 1 : HeLa whole cell lysate at 50 µg

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

Immunoprecipitation - Anti-eIF3K antibody (ab85968)

1 mg of HeLa whole cell lysate was immunoprecipitated using 3µg ab85968. Subsequently, 20% of IP was loaded per lane and probed with ab85968 at 1µg/ml (lane 1) or with a control IgG (lane 2).

Detection: chemiluminescence with exposure time of 3 seconds.

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

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