

Anti-eIF3K antibody [2313C2a] ab50736

KO 評価済

[1 References](#) [画像数 2](#)

製品の概要

製品名	Anti-eIF3K antibody [2313C2a]
製品の詳細	Mouse monoclonal [2313C2a] to eIF3K
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human, Recombinant fragment
免疫原	Recombinant human EIF3S12
ポジティブ・コントロール	WB: HEK293 and THP1 cell lysates; Recombinant human EIF3S12.
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride
精製度	Protein G purified
特記事項 (精製)	ab50736 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
ポリ/モノ	モノクローナル

クローン名 2313C2a
アイソタイプ IgG2b

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab50736の使用に適用されず**
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		Use at an assay dependent concentration. Predicted molecular weight: 25 kDa.

ターゲット情報

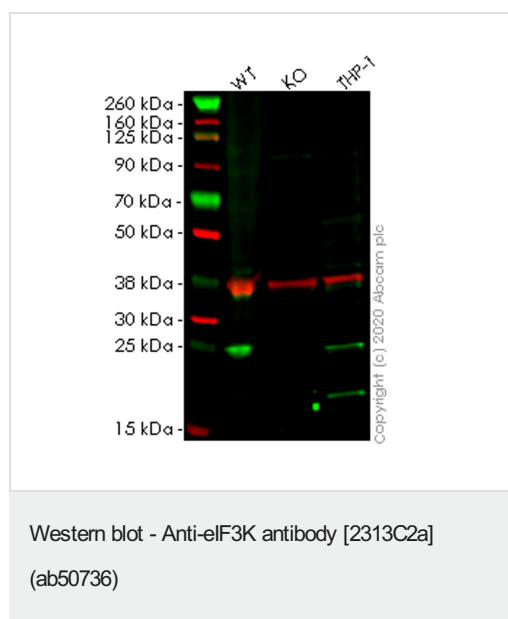
機能 Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA_i and eIF-5 to form 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



All lanes : Anti-eIF3K antibody [2313C2a] (ab50736) at 1/500 dilution

Lane 1 : Wild-type HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 2 : EIF3K knockout HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 3 : THP1 (Human monocytic leukemia cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

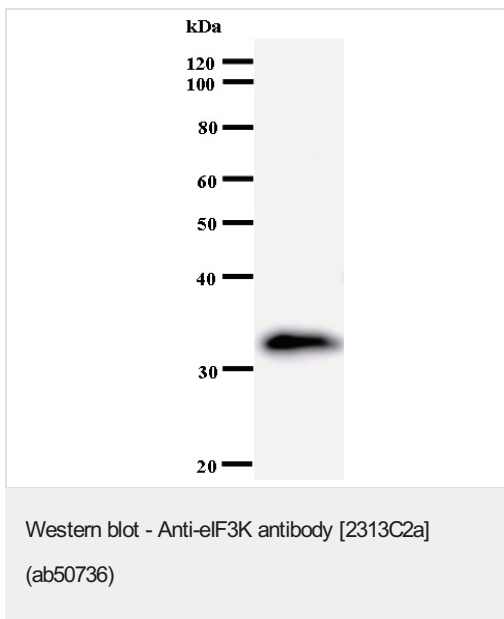
All lanes : Goat Anti-Rabbit IgG H&L (IRDye® 680RD) preadsorbed ([ab216777](#)) at 1/10000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Lanes 1-3: Merged signal (red and green). Green - ab50736 observed at 25 kDa. Red - loading control **ab181602** observed at 36 kDa.

ab50736 Anti-eIF3K antibody [2313C2a] was shown to specifically react with eIF3K in wild-type HEK-293T cells. Loss of signal was observed when knockout cell line **ab266841** (knockout cell lysate **ab258857**) was used. Wild-type and eIF3K knockout samples were subjected to SDS-PAGE. ab50736 and Anti-GAPDH antibody[EPR16891] - Loading Control (**ab181602**) were incubated overnight at 4°C at 1 in 500 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 680RD) preadsorbed (**ab216777**) and Goat anti-Mouse IgG H&L (IRDye® 800CW) preadsorbed (**ab216772**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Anti-eIF3K antibody [2313C2a] (ab50736) + immunized recombinant protein

Predicted band size: 25 kDa

Observed band size: 33 kDa

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