abcam

Product datasheet

Anti-EIF3F antibody ab74568

★★★★☆ **1 Abreviews**   **3 References**   **画像数** 2

製品の概要

製品名	Anti-EIF3F antibody
製品の詳細	Rabbit polyclonal to EIF3F
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Human
	交差が予測される動物種: Mouse ⚠
免疫原	Synthetic peptide derived from internal sequence of human EIF3F.
ポジティブ・コントロール	Human brain tissue. Extracts from Jurkat cells and COLO205 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 repeated freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg2+ and Ca2+
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

アプリケーション	Abreviews	特記事項
WB	★★★★☆ (1)	1/500 - 1/1000. Predicted molecular weight: 38 kDa.
IHC-P		1/50 - 1/100.

ターゲット情報

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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. Deubiquitinates activated NOTCH1, promoting its nuclear import, thereby acting as a positive regulator of Notch signaling.
配列類似性	Belongs to the eIF-3 subunit F family. Contains 1 MPN (JAB/Mov34) domain.
ドメイン	The MPN domain mediates deubiquitinating activity.
翻訳後修飾	Phosphorylation is enhanced upon serum stimulation. Phosphorylated during apoptosis by caspase-processed CDK11.
細胞内局在	Cytoplasm.

画像

Western blot - Anti-EIF3F antibody (ab74568)
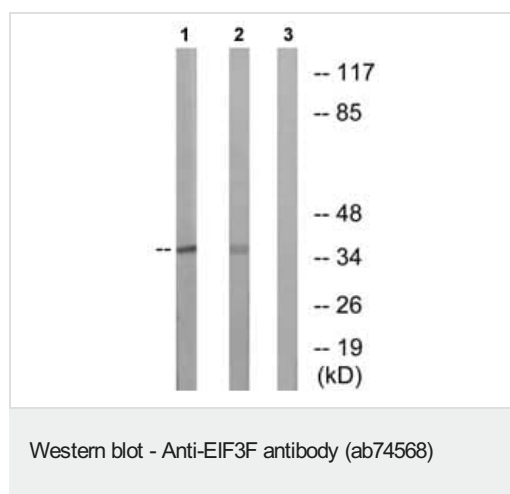
All lanes : Anti-EIF3F antibody (ab74568) at 1/500 dilution
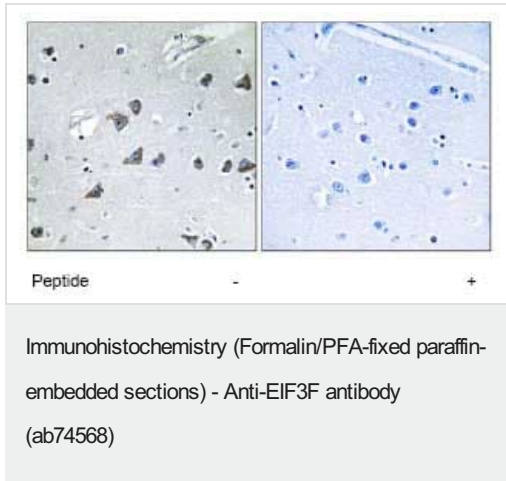
Lane 1 : Extracts from Jurkat cells

Lane 2 : Extracts from COLO205 cells

Lane 3 : Extracts from COLO205 cells with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 38 kDa

Observed band size: 38 kDa

Immunohistochemistry analysis of EIF3F in paraffin-embedded human brain tissue using ab74568, at 1/50-1/100 dilution, in the presence (right panel) or absence (left panel) of immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EIF3F antibody (ab74568)

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