

Product datasheet

Anti-eIF4B antibody [EP2299Y] ab68474

RabMAb[®]

★★★★★ 1 Abreviews 1 References 画像数 2

製品の概要

製品名	Anti-eIF4B antibody [EP2299Y]
製品の詳細	Rabbit monoclonal [EP2299Y] to eIF4B
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P, Flow Cyt 適用なし: IP
種交差性	交差種: Human
免疫原	Synthetic peptide within Human eIF4B (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	HeLa cell lysate, human prostate adenocarcinoma tissue.
特記事項	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents

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: 7.40 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, 0.05% BSA
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP2299Y
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab68474** 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
ICC/IF	★★★★★	1/100 - 1/250.
WB		1/200000. Detects a band of approximately 90 kDa (predicted molecular weight: 69 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

追加情報 Is unsuitable for IP.

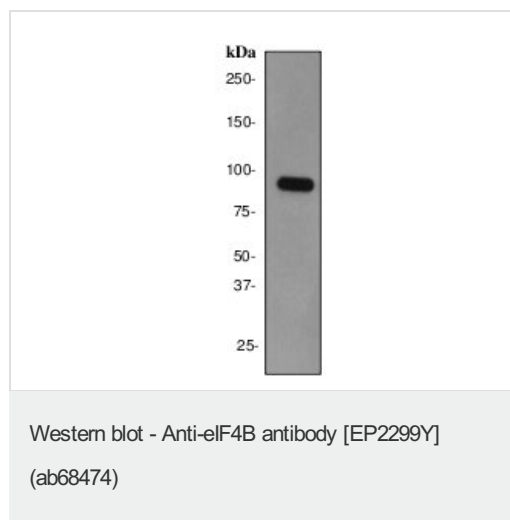
ターゲット情報

機能 Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

配列類似性 Contains 1 RRM (RNA recognition motif) domain.

翻訳後修飾 Phosphorylated at Ser-422 by RPS6KA1 and RPS6KB1; phosphorylation enhances the affinity of EIF4B for the EIF3 complex.

画像



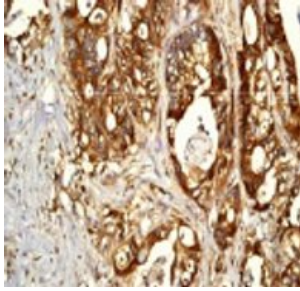
Anti-eIF4B antibody [EP2299Y] (ab68474) at 1/200000 dilution + HeLa cell lysate at 10 µg

Secondary

HRP conjugated Goat anti-rabbit. at 1/2000 dilution

Predicted band size: 69 kDa

Observed band size: 90 kDa



Human prostate adenocarcinoma stained with ab68474 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eIF4B antibody [EP2299Y] (ab68474)

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