

Product datasheet

Anti-ERK2 antibody ab14018

画像数 1

製品の概要

製品名	Anti-ERK2 antibody
製品の詳細	Chicken polyclonal to ERK2
由来種	Chicken
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment, corresponding to amino acids 232-360 of Human ERK2.

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: None Constituents: PBS
精製度	Immunogen affinity purified
特記事項(精製)	Peptide immunogen affinity column
ポリ/モノ	ポリクローナル
アイソタイプ	IgY

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab14018** 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		1/500. Predicted molecular weight: 41 kDa.

ターゲット情報

機能 Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in

differentiated cells by phosphorylating a number of transcription factors such as ELK1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4) and ARHGEF2.

Acts as a transcriptional repressor. Binds to a [GC]AAA[GC] consensus sequence. Repress the expression of interferon gamma-induced genes. Seems to bind to the promoter of CCL5, DMP1, IFIH1, IFITM1, IRF7, IRF9, LAMP3, OAS1, OAS2, OAS3 and STAT1. Transcriptional activity is independent of kinase activity.

配列類似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

ドメイン

The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

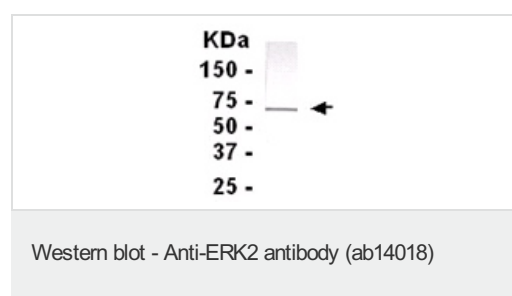
翻訳後修飾

Dually phosphorylated on Thr-185 and Tyr-187, which activates the enzyme. Dephosphorylated by PTPRJ at Tyr-187.

細胞内局在

Nucleus.

画像



E coli-derived fusion protein as test antigen.
Affinity-Purified IgY dilution: 1/2000, Goat anti-IgY-HRP dilution: 1/1000. Colorimetric method for signal development

E coli-derived fusion protein as test antigen.
Affinity-Purified IgY dilution: 1/2000, Goat anti-IgY-HRP dilution: 1/1000. Colorimetric method for signal development

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