

Product datasheet

Anti-MAFA antibody ab124108

画像数 1

製品の概要

製品名	Anti-MAFA antibody
製品の詳細	Rabbit polyclonal to MAFA
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide conjugated to KLH, corresponding to a sequence between C terminal amino acids 285-315 of Human MafA (NP_963883.2).
ポジティブ・コントロール	K-562 cell line lysates

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium azide Constituent: 99% PBS
精製度	Immunogen affinity purified
特記事項 (精製)	ab124108 was purified through a protein A column, followed by peptide affinity purification.
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

Our [Abpromise guarantee](#) covers the use of **ab124108** 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		1/100 - 1/500. Predicted molecular weight: 37 kDa.

ターゲット情報

機能	Acts as a transcriptional factor. Specifically binds the insulin enhancer element RIPE3b and activates insulin gene expression. Cooperates synergistically with NEUROD1 and PDX1.
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Phosphorylation by GSK3 increases its transcriptional activity and is required for its oncogenic activity. Involved either as an oncogene or as a tumor suppressor, depending on the cell context.

配列類似性

Belongs to the bZIP family. Maf subfamily.

Contains 1 bZIP domain.

翻訳後修飾

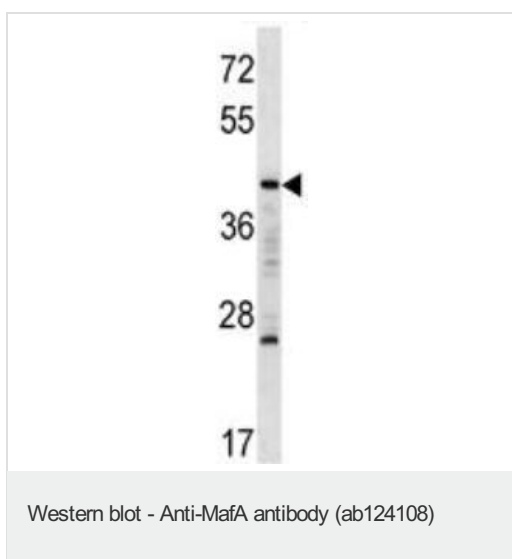
Ubiquitinated, leading to its degradation by the proteasome.

Ser-14 and Ser-65 appear to be the major phosphorylation sites. Phosphorylated by MAPK13 on serine and threonine residues (Probable). Phosphorylation by GSK3 requires prior phosphorylation of Ser-65 by another kinase. Phosphorylation proceeds then from Ser-61 to Thr-57, Thr-53 and Ser-49. GSK3-mediated phosphorylation increases its transcriptional activity through the recruitment of the coactivator PCAF, is required for its transforming activity and leads to its degradation through an ubiquitin/proteasome-dependent pathway.

細胞内局在

Nucleus. Detected in nuclei of pancreas islet beta cells.

Anti-MAFA antibody 画像



Anti-MAFA antibody (ab124108) at 1/100 dilution + K-562 cell line lysates at 35 µg

Predicted band size : 37 kDa

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