

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
由来種	Rabbit
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

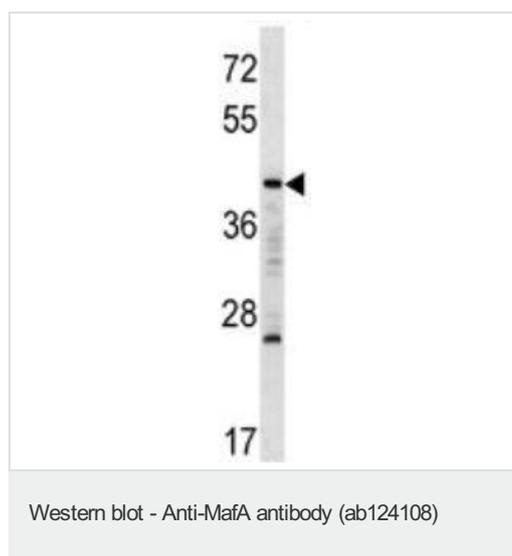
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The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/100 - 1/500. Predicted molecular weight: 37 kDa.

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. 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.

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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