

Anti-MAFA antibody ab85008

★★★★★ [1 Abreviews](#) [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: IHC-P
種交差性	交差種: Mouse
免疫原	Synthetic peptide corresponding to Mouse MafA aa 300-400 (C terminal). Database link: Q8CF90
ポジティブ・コントロール	Mouse Pancreas tissue.
特記事項	Concentration is optimized for IHC and not determined 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 freeze / thaw cycles.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
精製度	Immunogen affinity purified
特記事項(精製)	ab85008 was affinity purified using the peptide immobilized on solid support.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab85008の使用に適用されず
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★☆ (1)	

追加情報

IHC-P: 1/100 - 1/500. Epitope exposure with citrate buffer or tris-EDTA pH9 buffer will enhance staining. Extended incubation with primary antibody (16-24 hours) at room temperature is recommended.

Likely to work with frozen sections.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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. 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.

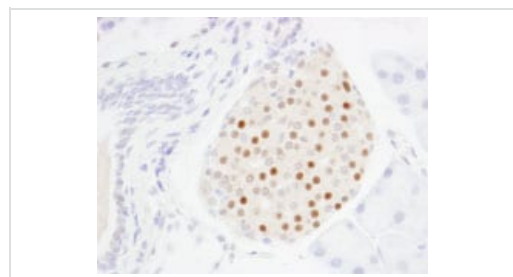
翻訳後修飾

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



ab85008 at 1/250 dilution staining MafA in mouse pancreatic islet by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue. Detection: DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAFA antibody (ab85008)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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