abcam

Product datasheet

Anti-ZEB1 antibody [416A7H10] ab53673

画像数 1

製品の概要

製品名	Anti-AREB6 antibody [416A7H10]
製品の詳細	Mouse monoclonal [416A7H10] to AREB6
アプリケーション	**適用あり:** Dot blot, WB
種交差性	**交差種:** Human
免疫原	AREB6 recombinant fragment (Human)

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	416A7H10
アイソタイプ	IgG1

アプリケーション

Our Abpromise guarantee covers the use of **ab53673** in the following tested applications.

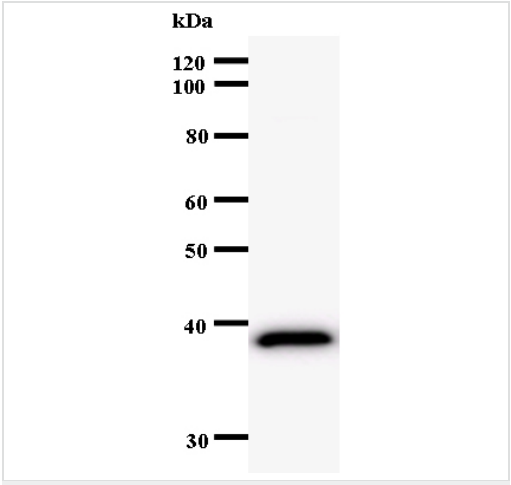
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Dot blot		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Predicted molecular weight: 124 kDa. Recombinant tested only.

ターゲット情報

機能	Inhibits interleukin-2 (IL-2) gene expression. May be responsible for transcriptional repression of the IL-2 gene. Enhances or represses the promoter activity of the ATP1A1 gene depending on the quantity of cDNA and on the cell type. Represses E-cadherin promoter and induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. Represses BCL6 transcription in the presence of the corepressor CTBP1. Promotes tumorigenicity by repressing stemness-inhibiting microRNAs.
組織特異性	Colocalizes with SMARCA4/BRG1 in E-cadherin-negative cells from established lines, and stroma of normal colon as well as in de-differentiated epithelial cells at the invasion front of colorectal carcinomas (at protein level). Expressed in heart and skeletal muscle, but not in liver, spleen, or pancreas.
関連疾患	Defects in ZEB1 are the cause of posterior polymorphous corneal dystrophy type 3 (PPCD3) [MIM:609141]. PPCD is a rare disease involving metaplasia and overgrowth of corneal endothelial cells. In patients with PPCD, these cells manifest in an epithelial morphology and gene expression pattern, produce an aberrant basement membrane, and, sometimes, spread over the iris and nearby structures in a way that increases the risk for glaucoma. Defects in ZEB1 are the cause of corneal dystrophy Fuchs endothelial type 6 (FECD6) [MIM:613270]. It is an ocular disorder caused by loss of endothelium of the central cornea. It is characterized by focal wart-like guttata that arise from Descemet membrane and develop in the central cornea, epithelial blisters, reduced vision and pain. Descemet membrane is thickened by abnormal collagenous deposition.
配列類似性	Belongs to the delta-EF1/ZFH-1 C2H2-type zinc-finger family. Contains 7 C2H2-type zinc fingers. Contains 1 homeobox DNA-binding domain.
細胞内局在	Nucleus.

画像



Western blot - AREB6 antibody [416A7H10] (ab53673)

Staining of immunizing recombinant AREB6 fragment using anti-AREB6 antibody [416A7H10] (ab53673).

Predicted band size : 124 kDa
Observed band size : 38 kDa

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