

Datasheet for ABIN7091835
anti-ZEB1 antibody (AA 51-150)



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Overview

Quantity:	100 µL
Target:	ZEB1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZEB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZEB1
Clone:	Z6F8
Predicted Reactivity:	Human

Target Details

Target:	ZEB1
Alternative Name:	ZEB1 (ZEB1 Products)
Background:	Synonyms: AREB 6, AREB6, BZP, Delta crystallin enhancer binding factor 1, DELTA EF1, FECD6, MGC133261, Negative regulator of IL 2, Negative regulator of IL2, NIL 2 A, NIL 2 A zinc finger protein, NIL 2A, NIL-2-A zinc finger protein, NIL2A, Posterior polymorphous corneal dystrophy 3, PPCD3, Represses interleukin 2 expression, TCF 8, TCF-8, TCF8, Transcription factor 8

Target Details

(represses interleukin 2 expression), Transcription factor 8, ZEB 1, ZEB, ZEB1_HUMAN, ZFHEP, ZFHX 1A, ZFHX1A, Zinc finger E box binding homeobox 1, Zinc finger E-box-binding homeobox 1, Zinc finger homeodomain enhancer binding protein.

Background: Acts as a transcriptional repressor. Inhibits interleukin-2 (IL-2) gene expression. 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. Positively regulates neuronal differentiation. Represses RCOR1 transcription activation during neurogenesis. Represses transcription by binding to the E box (5'-CANNTG-3'). Promotes tumorigenicity by repressing stemness-inhibiting microRNAs.

Gene ID: 6935

UniProt: [P37275](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months