

ZEB1 Antibody

Rabbit mAb Catalog # AP91611

Specification

ZEB1 Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession P37275
Clonality Monoclonal

Other Names

BZP; TCF8; AREB6; FECD6; NIL2A; PPCD3; ZFHEP; ZFHX1A; DELTAEF1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 124074 Da

ZEB1 Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

AREB6

Description 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. Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

ZEB1 Antibody - Protein Information

Name ZEB1 (HGNC:11642)

Storage Condition and Buffer

Function

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'). In the absence of TGFB1, acts as a repressor of COL1A2 transcription via binding to the E-box in the upstream enhancer region (By similarity).

Cellular Location Nucleus





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Tissue Location

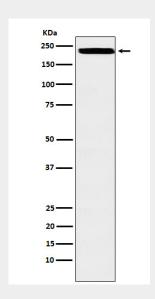
Colocalizes with SMARCA4/BRG1 in E-cadherin- negative cells from established lines, and stroma of normal colon as well as in de-differentiated epithelial cells at the invasion front of colorectal carcinomas (at protein level). Expressed in heart and skeletal muscle, but not in liver, spleen, or pancreas

ZEB1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZEB1 Antibody - Images



Western blot analysis of AREB6 expression in HEK293 cell lysate.