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ZEB1 / AREB6 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15824

Specification

ZEB1 / AREB6 Antibody - Product Information

Application	**IHC**
Primary Accession	P37275
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**124kDa KDa**

ZEB1 / AREB6 Antibody - Additional Information

Gene ID 6935

Other Names
Zinc finger E-box-binding homeobox 1, NIL-2-A zinc finger protein, Negative regulator of IL2, Transcription factor 8, TCF-8, ZEB1, AREB6, TCF8

Target/Specificity
AREB6 antibody detects endogenous levels of AREB6 protein. Not tested with other proteins.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
ZEB1 / AREB6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ZEB1 / AREB6 Antibody - Protein Information

Name ZEB1 (HGNC:11642)

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

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

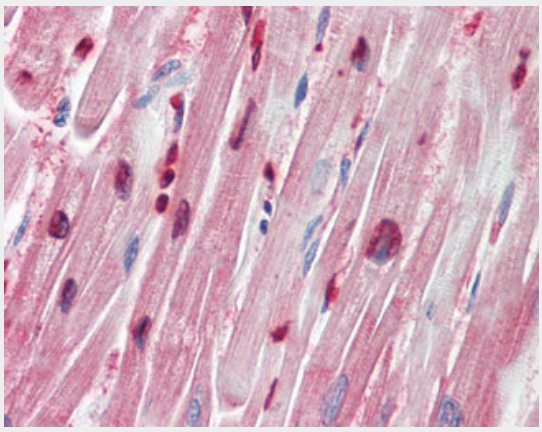
Volume
50 µl

ZEB1 / AREB6 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZEB1 / AREB6 Antibody - Images



Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)

ZEB1 / AREB6 Antibody - Background

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ZEB1 / AREB6 Antibody - References

Watanabe Y.,et al.J. Biochem. 114:849-855(1993).
Bachman N.J.,et al.Submitted (JUL-1994) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.