



AREB6 (ANT0016R) Rabbit mAb

CatalogNo: ANT8138 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit

MW

- 124kD (Calculated)
- 200kD (Observed)

Reactivity

- Human,Rat,

Isotype

- IgG,Kappa

Applications

- WB,IHC,IF,IP,ELISA

Recommended Dilution Ratios

IHC 1:200-1:500

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

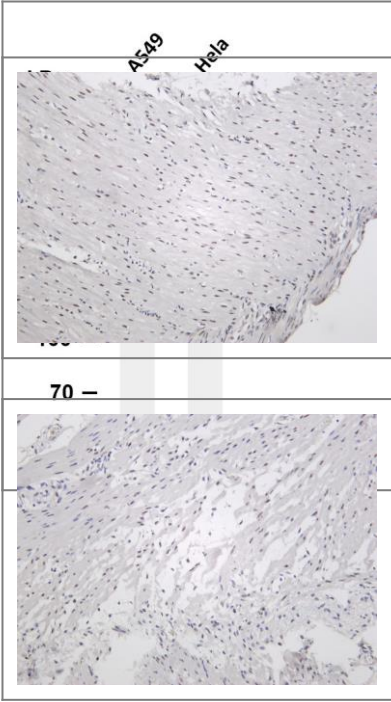
Clone Number ANT0016R

Target Information

Endogenous

Gene name	ZEB1 AREB6 TCF8		
Protein Name	Zinc finger E-box-binding homeobox 1 (NIL-2-A zinc finger protein) (Negative regulator of IL2) (Transcription factor 8) (TCF-8)		
	Organism	Gene ID	UniProt ID
	Human	6935;	P37275;
	Mouse		Q64318;
	Rat		Q62947;
Cellular Localization	Nucleus		
Tissue specificity	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.		
Function	Disease:Defects in ZEB1 are the cause of posterior polymorphous corneal dystrophy type 3 (PPCD3) [MIM:609141]. Posterior polymorphous corneal dystrophy (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.,Function: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.,similarity:Belongs to the delta-EF1/ZFH-1 C2H2-type zinc-finger family.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 7 C2H2type zinc fingers.,tissue specificity:Expressed in heart and skeletal muscle, but not in liver, spleen, or pancreas.,		

Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-ZEB1 (ANT0016R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: A459 Lane 2: Hela Predicted band size: 124kDa Observed band size: 200kDa

Rat colon was stained with Anti-ZEB1 (ANT0016R) rabbit antibody

Human colon was stained with Anti-ZEB1 (ANT0016R) rabbit antibody

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