



Anti-ZEB1 (aa 1074-1124) polyclonal antibody (CPBT-27759RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human ZEB1.
Antigen Description	This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.
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 skelet
Immunogen	Synthetic peptide, corresponding to a region between residue 1074 and 1124 of Human AREB6
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Sequence Similarities	Belongs to the delta-EF1/ZFH-1 C2H2-type zinc-finger family.Contains 7 C2H2-type zinc fingers.Contains 1 homeobox DNA-binding domain.
Cellular Localization	Nucleus.

Format	Liquid
Size	100 µl
Buffer	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	ZEB1 zinc finger E-box binding homeobox 1 [Homo sapiens]
Official Symbol	ZEB1
Synonyms	ZEB1; zinc finger E-box binding homeobox 1; posterior polymorphous corneal dystrophy 3 , PPCD3, TCF8,transcription factor 8 (represses interleukin 2 expression); zinc finger E-box-binding homeobox 1; AREB6; BZP; NIL 2 A; ZEB; Zfh1a; AREB 6; BZP; DELTA EF1; 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; Represses interleukin 2 expression; TCF 8; TCF-8; TCF8; Transcription factor 8 (represses interleukin 2 expression); Transcription factor 8; ZEB 1; ZEB; ZEB1; ZEB1_HUMAN; ZFHEP; ZFH1A; ZFH1A; Zinc finger E box binding homeobox 1; Zinc finger E-box-binding homeobox 1; Zinc finger homeodomain enhancer binding protein; OTTHUMP00000019404; OTTHUMP00000019405; OTTHUMP00000019406; negative regulator of IL2; delta-crystallin enhancer binding factor 1; posterior polymorphous corneal dystrophy 3; zinc finger homeodomain enhancer-binding protein; transcription factor 8 (represses interleukin 2 expression); TCF8; FECD6; NIL2A; PPCD3; ZFHEP; ZFH1A; DELTAEF1;
Entrez Gene ID	6935
Protein Refseq	NP_001121600
UniProt ID	B2RBI8
Chromosome Location	10p11.22
Pathway	Hypertrophy Model, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem; Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem;
Function	E-box binding; E-box binding; chromatin binding; double-stranded DNA binding; metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription