

Rabbit ZEB1 Polyclonal Antibody | anti-ZEB1 antibody

ZEB1 Antibody

CATALOG # AAA327113	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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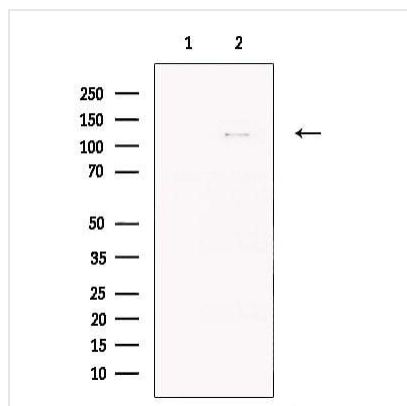
PRODUCT SYNONYMS

ZEB1; Polyclonal Antibody; ZEB1 Antibody; AREB 6; 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 (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; anti-ZEB1 antibody

PRODUCT SPECIFICATIONS

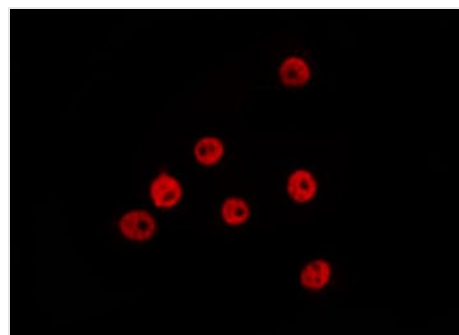
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	ZEB1 Antibody detects endogenous levels of total ZEB1.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Immunogen	A synthesized peptide derived from human ZEB1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



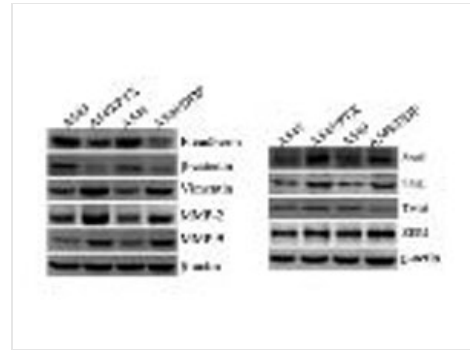
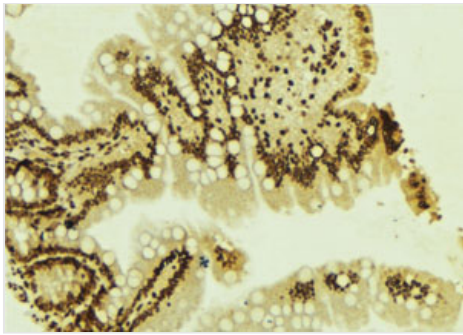
WB (Western Blot)

Western blot analysis of extracts from K562, using ZEB1 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)

AAA327113 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA327113 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-ZEB1 antibody	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.
References	YaoduWang, ZhiyangWu, LikuanHu; Journal: EUR J PHARMACOL. The regulatory effects of metformin on the [SNAIL/miR-34]:[ZEB/miR-200] system in the epithelial-mesenchymal transition(EMT) for colorectal cancer(CRC). Shao Q, Zhang P, Ma Y, Lu Z, Meng J, Li H, Wang X, Chen D, Zhang M, Han Y, Liu H, Ma S; Journal: Gene. MicroRNA-139-5p affects cisplatin sensitivity in human nasopharyngeal carcinoma cells by regulating the epithelial-to-mesenchymal transition. Li Y, Shen X, Wang X, Li A, Wang P, Jiang P, Zhou J, Feng Q; Journal: Sci Rep. EGCG regulates the cross-talk between JWA and topoisomerase IIa in non-small-cell lung cancer (NSCLC) cells. Li H, Zhang P, Sun X, Sun Y, Shi C, Liu H, Liu X; Journal: Int J Oncol. MicroRNA-181a regulates epithelial-mesenchymal transition by targeting PTEN in drug-resistant lung adenocarcinoma cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189409130
NCBI GeneID	6935
NCBI Accession #	NP_001121600.1
NCBI GenBank Nucleotide #	NM_001128128.2
UniProt Accession #	P37275; Q12924; Q13800; Q2KJ05; Q5T968; Q5VZ84; Q8NB68; B4DJV0; B4DUW9; E9PCM7; F5H4I8
Molecular Weight	124kDa, 180kDa
NCBI Official Full Name	zinc finger E-box-binding homeobox 1 isoform a
NCBI Official Synonym Full Names	zinc finger E-box binding homeobox 1
NCBI Official Symbol	ZEB1
NCBI Official Synonym Symbols	BZP; TCF8; AREB6; FECD6; NIL2A; PPCD3; ZFHEP; ZFH1A; DELTAEF1
NCBI Protein Information	zinc finger E-box-binding homeobox 1
UniProt Protein Name	Zinc finger E-box-binding homeobox 1
UniProt Gene Name	ZEB1
UniProt Synonym Gene Names	AREB6; TCF8; TCF-8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

