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Datasheet for ABIN6972920

## anti-ZEB1 antibody (N-Term)





Go to Product page

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Quantity:	100 μL	
Target:	ZEB1	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunoprecipitation (IP)	
Product Datails		

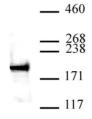
Product Details		
Immunogen:	This ZEB1 antibody was raised against a peptide derived from the N-terminal region of human ZEB1.	
Isotype:	IgG	
Characteristics:	ZEB1 (Zinc finger E-box-binding homeobox 1, NIL-2-A zinc finger protein Negative regulator of IL2, NIL-2-A, Transcription factor 8, TCF-8) is a POU domain DNA-binding transcriptional regulator that inhibits the expression of E-cadherin and other epithelial genes central to adhesion and epithelial polarity. ZEB1 induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. ZEB1 positively regulates neuronal differentiation and it represses RCOR1 transcription activation during neurogenesis. Defects in ZEB1 are the cause of posterior polymorphous corneal dystrophy type 3 (PPCD3). ZEB1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot, it has been shown to react with Human samples.	

Purification: Affinity Purified

### **Target Details**

Target:	ZEB1	
Alternative Name:	ZEB1 (ZEB1 Products)	
Molecular Weight:	200 kDa	
NCBI Accession:	NP_110378	
Pathways:	Regulation of Muscle Cell Differentiation	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.	

#### **Images**



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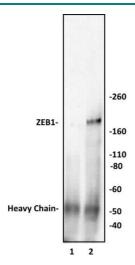
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\_\_\_ 31

#### **Western Blotting**

**Image 1.** ZEB1 antibody (pAb) tested by Western blot. Nuclear extract of HeLa cells (40  $\mu$ g) probed with ZEB1 antibody (1:1,000).



#### Immunoprecipitation

**Image 2.** ZEB1 antibody (pAb) tested by Immunoprecipitation. 10  $\mu$ L of ZEB1 antibody was used to immunoprecipitate ZEB1 from 250  $\mu$ g of HeLa nuclear cell extract (lane 2). 10  $\mu$ L of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the ZEB1 antibody at a dilution of 1:1,000.