

Product Datasheet

ZEB1 Antibody NBP2-20942

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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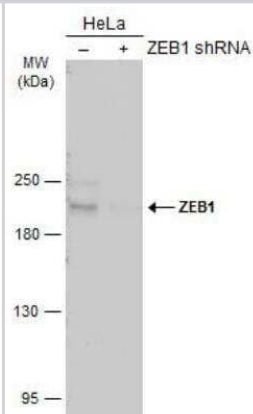
NBP2-20942

ZEB1 Antibody

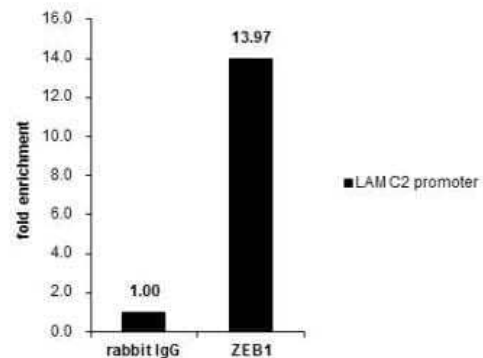
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	124 kDa
Product Description	
Host	Rabbit
Gene ID	6935
Gene Symbol	ZEB1
Species	Human, Mouse
Reactivity Notes	Rat (89%), Chicken (89%).
Marker	Mesenchymal Cells Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human ZEB1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Application Notes	ChIP assay Assay-dependent dilution

Images

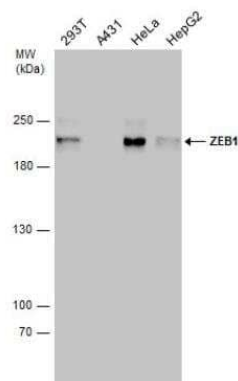
Western Blot: ZEB1 Antibody [NBP2-20942] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZEB1 antibody diluted at 1:500. An HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed by ECL.



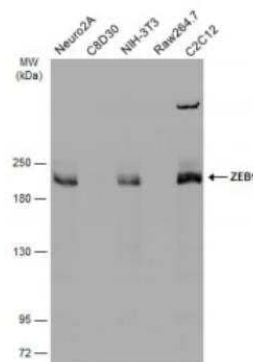
Chromatin Immunoprecipitation: ZEB1 Antibody [NBP2-20942] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-ZEB1 antibody. The precipitated DNA was detected by PCR with primer set targeting to LAMC2 promotor.



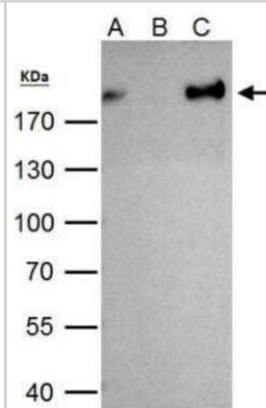
Western Blot: ZEB1 Antibody [NBP2-20942] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZEB1 antibody [N2C1], Internal diluted at 1:1000.



Western Blot: ZEB1 Antibody [NBP2-20942] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZEB1 antibody diluted at 1:1000. The HRP conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunoprecipitation: ZEB1 Antibody [NBP2-20942] - 293T whole cell lysate/extract A. 40 ug 293T whole cell lysate/extract B. Control with 2 ug of preimmune rabbit IgG C. Immunoprecipitation of ZEB1 protein by 2 ug of ZEB1 antibody 7.5% SDS-PAGE The immunoprecipitated ZEB1 protein was detected by ZEB1 antibody diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.



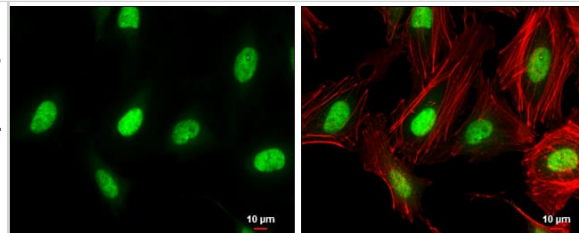
Immunocytochemistry/ Immunofluorescence: ZEB1 Antibody [NBP2-20942] - ZEB1 antibody [N2C1], Internal detects ZEB1 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ZEB1 protein stained by ZEB1 antibody [N2C1], Internal (NBP2-20942) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar = 10 μ m.



Publications

Deleuze V, Garcia L, Rouaisnel B et al. Efficient genome editing in erythroid cells unveils novel MYB target genes and regulatory functions iScience 2023-09-15 [PMID: 37670779]



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Products Related to NBP2-20942

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-13159PEP	ZEB1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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