ZEB1 Antibody

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A301-922A Lot No. A301-922A-1

Protein ID NP_110378.3 Gene ID 6935

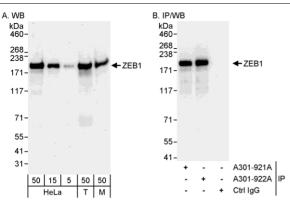


APPLICATIONS	WB, IP, IHC-P, IF
REACTIVITY TESTED	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, Crab-eating macaque and Northern white-cheeked gibbon.
ISOTYPE	IgG
AMOUNT	0.1 ml at 0.2 mg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline with 0.1% BSA containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to ZEB1 immobilized on solid support.
APPLICATIONS	The epitope recognized by A301-922A maps to a region between residue 1074 and 1124 of human zinc finger E-box binding homeobox 1 using the numbering given in entry NP_110378.3 (GeneID 6935).Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.Western Blot1:2,000 to 1:10,000Immunoprecipitation2 to 5 μg/mg lysateImmunohistochemistry1:100 to 1:1,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.Immunofluorescence1:50 to 1:500.
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).
	IHC validation was performed using Immunohistochemistry Accessory Kit (Cat. # IHC-101).
IHC HUMAN CONTROLS	Breast Carcinoma, Prostate Carcinoma
IHC MOUSE CONTROLS	Teratoma
ADDITIONAL INFO	http://www.bethyl.com/product/A301-922A
	Use the link above to view SDS, a current list of citations, and other product specific information.

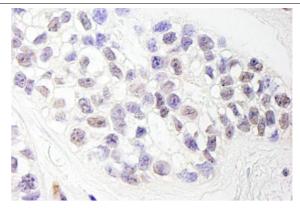
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1

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Detection of Human and Mouse ZEB1 by Western Blot (h&m) and Immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 μ g), and mouse NIH3T3 (M; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-ZEB1 antibody A301-922A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. ZEB1 was also immunoprecipitated by rabbit anti-ZEB1 antibody A301-921A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



Detection of Human ZEB1 by Immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-ZEB1 (Cat. No. A301-922A Lot1) used at a dilution of 1:1,000 ($0.2\mu g/ml$). *Detection:* DAB

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