

Rabbit ZEB2 Polyclonal Antibody | anti-ZEB2 antibody

ZEB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39873	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

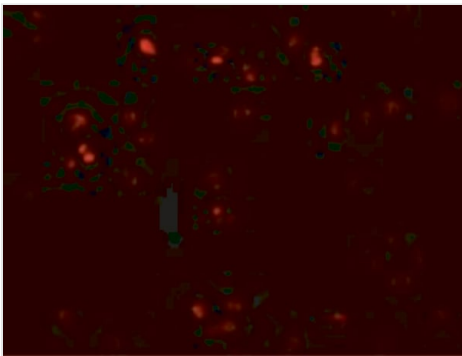
PRODUCT SYNONYMS

ZEB2; Polyclonal Antibody; ZEB2 Antibody; SIP1; SIP-1; ZFHX1B; HSPC082; SMADIP1; KIAA0569; ZFX1B; HRIHFB2411; Zinc finger E-box-binding homeobox 2; Smad-interacting protein 1; zinc finger E-box binding homeobox 2; anti-ZEB2 antibody

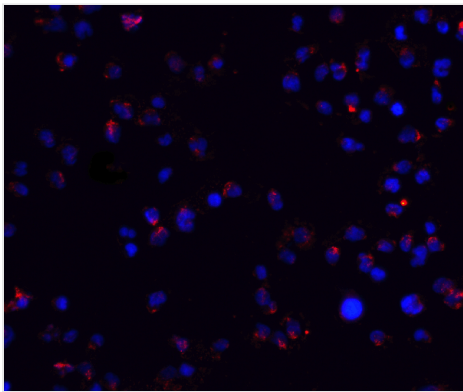
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ZEB2 antibody is predicted to not cross-react with ZEB1.
Purity/Purification	ZEB2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1214
Applicable Applications for anti-ZEB2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ZEB2 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human ZEB2.
Buffer	ZEB2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ZEB2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



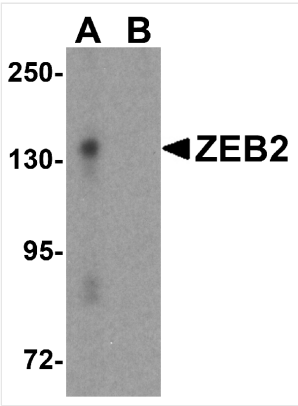
IF (Immunofluorescence)
Immunofluorescence of ZEB2 in Jurkat cells with ZEB2 antibody at 20 μ g/mL.



IF (Immunofluorescence)
Immunofluorescence of ZEB2 in Jurkat cells with ZEB2 antibody at 20 μ g/mL. Red: ZEB2 Antibody (5827) Blue: DAPI staining



ICC (Immunocytochemistry)
Immunocytochemistry of ZEB2 in Jurkat cells with ZEB2 antibody at 20 μ g/mL.



WB (Western Blot)
Western blot analysis of ZEB2 in EL4 cell lysate with ZEB2 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ZEB2 antibody	ZEB2 Antibody: ZEB2, initially identified as Smad interacting-protein 1, is normally located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Like the homologous ZEB1, ZEB2 inhibits the transcription of the E-cadherin gene and induces epithelial-mesenchymal transition, a genetic program controlling cell migration during embryonic development and wound healing, in vitro. ZEB2 can also protect cells from DNA damage-induced apoptosis, suggesting that its expression may contribute to tumor progression. Recent evidence has shown that ZEB2 is often observed in the cytoplasm in numerous cancer tissues, indicating that its localization may be regulated in normal and tumor tissues. Mutations in this gene are also associated with Hirschsprung disease/Mowat-Wilson syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117558786
NCBI GeneID	9839
UniProt Accession #	O60315; Q9UED1; A0JP09; B7Z2P2; F5H814
Molecular Weight	Predicted: 134 kDa Observed: Due to post-translational modifications; ZEB2 migrates at ~180 kDa in SDS-PAGE.
NCBI Official Full Name	Zinc finger E-box binding homeobox 2
NCBI Official Synonym Full Names	zinc finger E-box binding homeobox 2

NCBI Official Symbol	ZEB2
NCBI Official Synonym Symbols	SIP1; SIP-1; ZFHX1B; HSPC082; SMADIP1
NCBI Protein Information	zinc finger E-box-binding homeobox 2; zinc finger homeobox 1b; SMAD interacting protein 1; Smad-interacting protein 1
UniProt Protein Name	Zinc finger E-box-binding homeobox 2
UniProt Gene Name	ZEB2
UniProt Synonym Gene Names	KIAA0569; SIP1; ZFHX1B; ZFX1B; SMADIP1
UniProt Entry Name	ZEB2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zeb2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39873>