



# Anti-ZEB2 (aa 545-558) polyclonal antibody (DPABH-03675)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Transcriptional inhibitor that binds to DNA sequence 5-CACCT-3 in different promoters. Represses transcription of E-cadherin.
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_055610.1; NP_001165124.1).
<b>Immunogen</b>	Synthetic peptide: TDSRRQISNIKKEK with a Cysteine residue linker, corresponding to internal sequence amino acids 545-558 of Human Smad Interacting Protein 1 (according to NP_055610.1; NP_001165124.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">ZEB2 zinc finger E-box binding homeobox 3 [ Homo sapiens ]</a>
Official Symbol	ZEB2
Synonyms	ZEB2; zinc finger E-box binding homeobox 2; SIP1; SIP-1; ZFHx1B; HSPC082; SMADIP1; zinc finger E-box-binding homeobox 2; zinc finger homeobox 1b; SMAD interacting protein 1; Smad-interacting protein 1;
Entrez Gene ID	<a href="#">9839</a>
Protein Refseq	<a href="#">NP_001165124.1</a>
UniProt ID	<a href="#">O60315</a>
Pathway	MicroRNAs in cancer; TGF Beta Signaling Pathway;
Function	R-SMAD binding; metal ion binding; phosphatase regulator activity; sequence-specific DNA binding