

ZEB2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12086b**Specification**

ZEB2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O60315](#)**ZEB2 Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 9839

Other Names

Zinc finger E-box-binding homeobox 2, Smad-interacting protein 1, SMADIP1, Zinc finger homeobox protein 1b, ZEB2, KIAA0569, SIP1, ZFHX1B, ZFX1B

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZEB2 Antibody (C-term) Blocking peptide - Protein InformationName ZEB2 ([HGNC:14881](#))**Function**

Transcriptional inhibitor that binds to DNA sequence 5'-CACCT-3' in different promoters (PubMed: [16061479](http://www.uniprot.org/citations/16061479)), PubMed: [20516212](http://www.uniprot.org/citations/20516212)). Represses transcription of E-cadherin (PubMed: [16061479](http://www.uniprot.org/citations/16061479)). Represses expression of MEOX2 (PubMed: [20516212](http://www.uniprot.org/citations/20516212)).

Cellular Location

Nucleus. Chromosome

ZEB2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ZEB2 Antibody (C-term) Blocking peptide - Images

ZEB2 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc finger/homeodomain proteins. It is located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively spliced transcript variants have been found for this gene.

ZEB2 Antibody (C-term) Blocking peptide - References

Kumar, P.A., et al. J. Biol. Chem. 285(41):31148-31156(2010) Li, A., et al. Cancer Res. 70(13):5226-5237(2010) Ohashi, S., et al. Cancer Res. 70(10):4174-4184(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :