

**ZFHx1B antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10099****Specification****ZFHx1B antibody - N-terminal region - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O60315</a>
Other Accession	<a href="#">O60315</a> , <a href="#">NP_055610</a> , <a href="#">NM_014795</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Human, Mouse, Rat, Zebrafish, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 136 kDa KDa

**ZFHx1B antibody - N-terminal region - Additional Information****Gene ID 9839**

Alias Symbol	KIAA0569, SIP-1, SIP1, SMADIP1, ZFHx1B, ZEB2, HSPC082
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**Other Names**

Zinc finger E-box-binding homeobox 2, Smad-interacting protein 1, SMADIP1, Zinc finger homeobox protein 1b, ZEB2, KIAA0569, SIP1, ZFHx1B, ZFX1B

**Target/Specificity**

The ZFHx1B gene is a member of the delta-EF1/Zfh1 family of 2-handed zinc finger/homeodomain proteins. ZFHx1B is strongly transcribed at an early stage in the developing peripheral and central nervous systems of both mice and humans, in all neuronal regions of the brains of 25-week human fetuses and adult mice, and in numerous nonneural tissues. The SMADIP1 gene (also known as SIP1) is a member of the delta-EF1 (ZEB1, MIM 189909)/Zfh1 family of 2-handed zinc finger/homeodomain proteins. SMADIP1 interacts with receptor-mediated, activated full-length SMADs (see MIM 605568) (Verschuere et al., 1999 [PubMed 10400677]). [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-58 AB056507.1 1-58 59-553 AL118674.1 57-551 554-5558 AB056507.1 553-5557 5559-5583 AI858477.1 1-25 c

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ZFHx1B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ZFHx1B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## ZFHX1B antibody - N-terminal region - Protein Information

**Name** ZEB2 ([HGNC:14881](#))

### Function

Transcriptional inhibitor that binds to DNA sequence 5'- CACCT-3' in different promoters (PubMed:<a href="http://www.uniprot.org/citations/16061479" target="\_blank">16061479</a>, PubMed:<a href="http://www.uniprot.org/citations/20516212" target="\_blank">20516212</a>). Represses transcription of E-cadherin (PubMed:<a href="http://www.uniprot.org/citations/16061479" target="\_blank">16061479</a>). Represses expression of MEOX2 (PubMed:<a href="http://www.uniprot.org/citations/20516212" target="\_blank">20516212</a>).

### Cellular Location

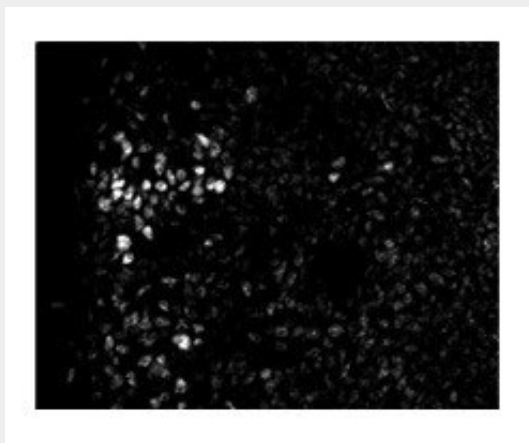
Nucleus. Chromosome

## ZFHX1B antibody - N-terminal region - Protocols

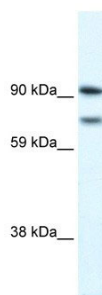
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## ZFHX1B antibody - N-terminal region - Images



ZFHX1B antibody - N-terminal region (AI10099) in Mouse cells using Immunohistochemistry  
Sample Type: Embryonic Spinal Cord Dilution: 1:200



ZFH1B antibody - N-terminal region (AI10099) in Human brain cells using Western Blot

WB Suggested Anti-ZFH1B Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human brain

### **ZFH1B antibody - N-terminal region - Background**

This is a rabbit polyclonal antibody against ZEB2. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ([sales@abgent.com](mailto:sales@abgent.com)).