

**ZEB2 (aa545-558) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3502a**Specification****ZEB2 (aa545-558) Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">O60315</a>
Other Accession	<a href="#">NP_055610.1</a> , <a href="#">NP_001165124.1</a> , <a href="#">9839</a> , <a href="#">24136</a> (mouse), <a href="#">311071</a> (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	136447

**ZEB2 (aa545-558) Antibody (internal region) - 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**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ZEB2 (aa545-558) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZEB2 (aa545-558) Antibody (internal region) - Protein Information****Name** 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:<a href="http://www.uniprot.org/citations/20516212" target="\_blank">20516212</a>).

#### Cellular Location

Nucleus. Chromosome

### ZEB2 (aa545-558) Antibody (internal 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](#)

### ZEB2 (aa545-558) Antibody (internal region) - Images



AF3502a (0.2 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### ZEB2 (aa545-558) Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP\_055610.1; NP\_001165124.1).

### ZEB2 (aa545-558) Antibody (internal region) - References

Growth hormone (GH)-dependent expression of a natural antisense transcript induces zinc finger E-box-binding homeobox 2 (ZEB2) in the glomerular podocyte: a novel action of gh with implications for the pathogenesis of diabetic nephropathy. Kumar PA, Kotlyarevska K, Dejkmaron P, Reddy GR, Lu C, Bhojani MS, Menon RK, The Journal of biological chemistry 2010 Oct 285 (41): 31148-56. PMID: 20682777