

<b>Product name:</b>	ZEB2
<b>Cat number:</b>	AB-81702
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1050-1214 of human ZEB2.
<b>Reactivity:</b>	Hu,Ms,Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	126kDa
<b>Purification:</b>	Aff. Pur.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Background:</b>	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 DNAbinding 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.



Western blot analysis of extracts of HepG2 cells, using ZEB2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit Exposure time: 3min.



Immunohistochemistry of paraffin embedded rat brain using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded mouse brain using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded human breast using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using ZEB2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ZEB2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.