

# CPTC-ZEB2-1 (CAB079945)

Uniprot ID: [O60315](#)

Protein name: ZEB2\_HUMAN

Full name: Zinc finger E-box-binding homeobox 2

Function: Transcriptional inhibitor that binds to DNA sequence 5'-CACCT-3' in different promoters. Represses transcription of E-cadherin.

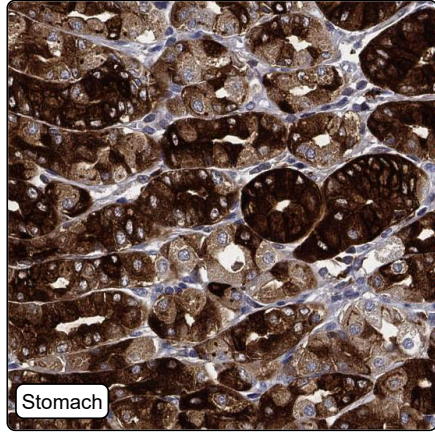
Subcellular location:

Nucleus (*experimental evidence*)

Protein existence: Experimental evidence at protein level

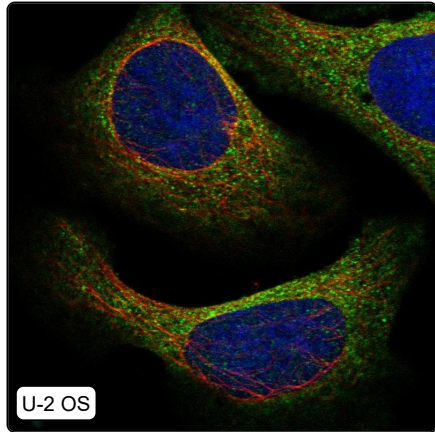
Comment:

## Immunohistochemistry



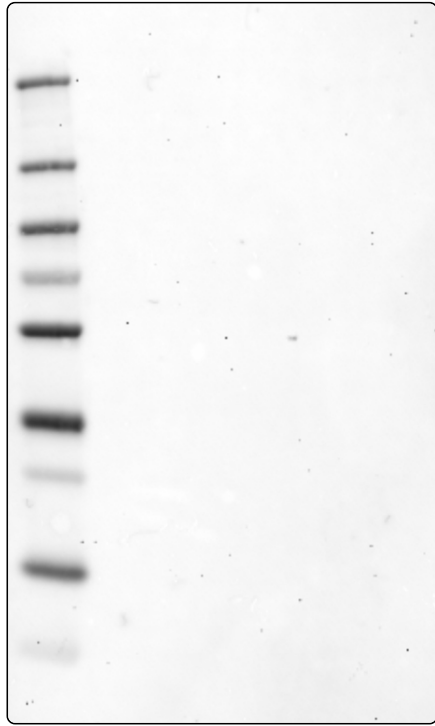
IHC protocol:	HIER pH6, Dilution 1:2500
IHC test staining:	Strong cytoplasmic positivity in stomach. Remaining tissues were negative.
Literature conformance:	Not consistent with gene/protein characterization data
Literature significance:	Limited
RNA consistency:	Not consistent with RNA expression data
IHC Sibling similarity:	Other antibody shows dissimilar IHC staining pattern
IHC fail comment:	ANTIBODY FAILED: Improbable histological location, Not consistent with RNA

## Immunofluorescence



IF Overlay:	antibody (green), anti-tubulin (red) and DAPI (blue)
IF main location:	Cytosol - 12: <b>Uncertain</b> (auto)
IF additional location:	
IF Antibody score:	Failed IF
IF in HEL:	Negative
IF in THP-1:	Negative
IF in U-2 OS:	Cytosol

# Western blot



<b>WB Size markers (kDa):</b>	250, 130, 100, 70, 55, 35, 25, 15, 10
<b>WB Lanes:</b>	Marker (1), RT4 (2), U-251 MG (3), Plasma (4), Liver (5), Tonsil (6)
<b>WB Target weight (kDa):</b>	2, 4, 6, 6, 6, 7, 8, 9, 10, 10, 13, 16, 21, 25, 48, 52, 68, 82, 107, 124, 124, 124, 124, 124, 134, 135, 136, 136, 136, 136, 139
<b>WB Validation:</b>	Uncertain (No bands detected.)