

Datasheet for ABIN768616
anti-ZIC2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ZIC2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ZIC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ZIC2
Immunogen:	Peptide with sequence C-HSGLSSNFNEWY, from the C Terminus of the protein sequence according to NP_009060.2.
Sequence:	HSGLSSNFNE WY
Isotype:	IgG
Specificity:	This antibody is expected to NOT cross-react with other ZIC proteins.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ZIC2
Alternative Name:	ZIC2 (ZIC2 Products)
Background:	ZIC2, Zic family member 2 (odd-paired homolog, Drosophila), HPE5, Zic family member 2 (odd-paired Drosophila homolog), Zinc finger protein of the cerebellum 2, zinc finger protein ZIC 2
Molecular Weight:	75kDa
Gene ID:	7546, 22772, 361096
NCBI Accession:	NP_009060
Pathways:	Tube Formation

Application Details

Application Notes:	Western Blot: In transfected RWPE1 transiently expressing Human ZIC2-Myc a band of approx. 65 kDa is observed. This band is not observed in the non-transfected RWPE1, nor when GFP is transiently expressed. The calculated molecular size is 55.0 kDa according to the theoretical molecular weight. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. RWPE1 lysate (60ug protein in RIPA buffer) overexpressing Human ZIC2 with C-terminal MYC tag probed with ABIN768616 (0.5ug/ml) in the right panel and probed with anti-MYC Tag (1/1000) and anti-beta-Actin in the left panel. Mock-transfected RWPE1 in lanes 1 and expressing GFP in lanes 2. Primary incubations were overnight at 4°C. Detected by chemiluminescence.

