



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## ZIC2 (N) Antibody, Rabbit Polyclonal

**Cat#:** R1999-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 55 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** O95409

### Background:

Zinc finger protein of the cerebellum 2 (ZIC2) acts as a transcriptional activator or repressor that plays important roles in the early stage of organogenesis of the CNS. ZIC2 activates the transcription of the serotonin transporter SERT in uncrossed ipsilateral retinal ganglion cells (iRGCs) to refine eye-specific projections in primary visual targets. Its transcriptional activity is repressed by MDFIC. ZIC2 is also involved in the formation of the ipsilateral retinal projection at the optic chiasm midline. ZIC2 drives the expression of EPHB1 on ipsilaterally projecting growth cones.

### Other Names:

Zinc finger protein ZIC 2, Zinc finger protein of the cerebellum 2

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ZIC2. Antibodies were purified by affinity purification using immunogen.

### Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### Species Specificity:

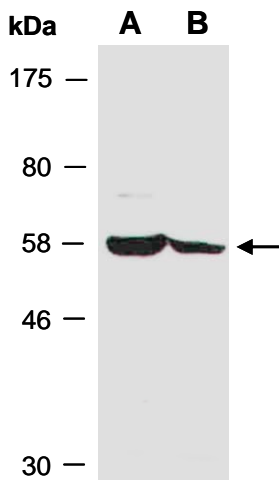
Human

### Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-ZIC2 (N) (R1999-1) at RT for 2 h.