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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10810 - Goat Anti-ZIC2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** ZIC2

**Accession Number(s):** NP\_009060.2

**Human GeneID(s):** [7546](#)

**Non-Human GeneID(s):** 22772 (mouse), 361096 (rat)

**Important Comments:** This antibody is expected to NOT cross-react with other ZIC proteins.

### Immunogen

Peptide with sequence C-HSGLSSNFNEWY, from the C Terminus of the protein sequence according to NP\_009060.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

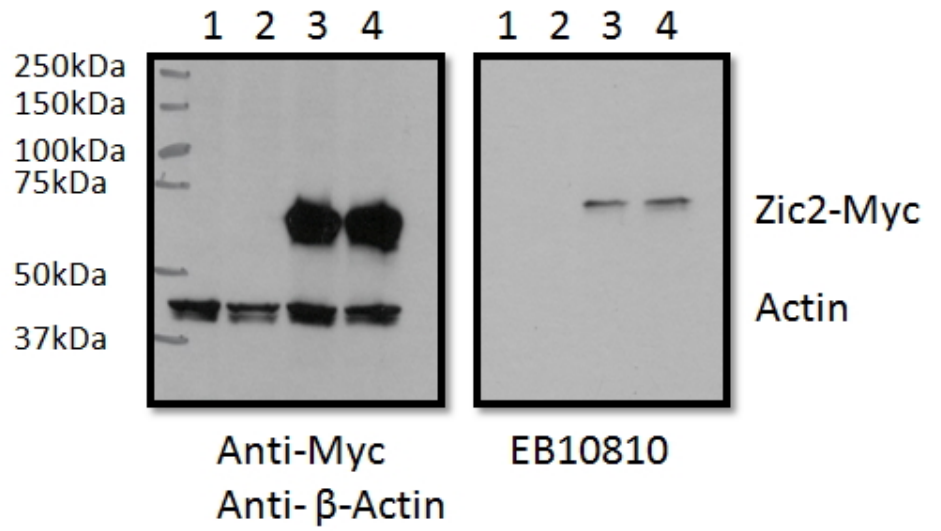
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** In transfected RWPE1 transiently expressing Human ZIC2-Myc a band of approx. 65kDa is observed. This band is not observed in the non-transfected RWPE1, nor when GFP is transiently expressed. The calculated molecular size is 55.0kDa according to NP\_009060.2 and 58.6kDa for the ZIC2-Myc protein. Data provided by Nathan Bowen and Maryam Boseman, Clark Atlanta University, GA, USA.. We have observed an approx 75kDa band in Human Brain (Cerebellum and Cerebral Cortex) lysates Recommended concentration, 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



RWPE1 lysate (60ug protein in RIPA buffer) overexpressing Human ZIC2 with C-terminal MYC tag probed with EB10810 (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 4C. Detected by chemiluminescence.