

## UK Office

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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

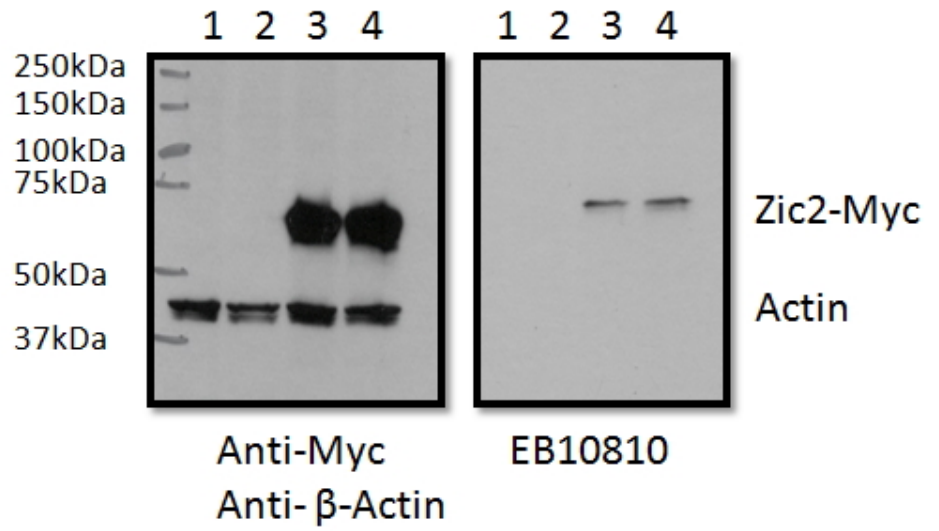
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**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 (calculated Mwt. of 55.0kDa according to NP\_009060.2 and 58.6kDa for the ZIC2-Myc protein). Recommended concentration, 0.5-2µg/ml. Primary incubation overnight at 4C Data kindly provided by Nathan Bowen and Maryam Boseman , Clark Atlanta University, GA, USA..

### Species Reactivity

**Tested:** Human

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



EB10810 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. Detected by chemiluminescence.