

## UK Office

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

## EB05745 - Goat Anti-ZIC5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ZIC5, zinc finger protein of the cerebellum 5, zinc family member 5 protein, Zic family member 5 (odd-paired homolog, Drosophila)

**Official Symbol:** ZIC5

**Accession Number(s):** NP\_149123.2

**Human GeneID(s):** [85416](#)

### Immunogen

Peptide with sequence C-EIYGNPEVVRTIH, from the C Terminus of the protein sequence according to NP\_149123.2.

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 1:128000.

**Western blot:** Preliminary experiments gave an approx 45kDa band in human brain lysates at 1ug/ml. This band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 73kDa according to NP\_149123.

**IHC:** Paraffin embedded Human Small Intestine, Skin and Prostate. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB05745 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05745 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05745 (3.75µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.