

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire

OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10811 - Goat Anti-ZIC3 (aa178-189) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ZIC3, Zic family member 3 (odd-paired homolog, Drosophila), HTX, HTX1, ZNF203, heterotaxy 1, zinc finger protein ZIC 3, zinc finger protein of the

cerebellum 3

Official Symbol: ZIC3

Accession Number(s): NP_003404.1

Human GeneID(s): 7547

Non-Human GenelD(s): 22773 (mouse), 367944 (rat)

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

proteins.

Immunogen

Peptide with sequence C-HVDNNQVHLGLR, from the internal region of the protein sequence according to NP_003404.1.

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 1:64000.

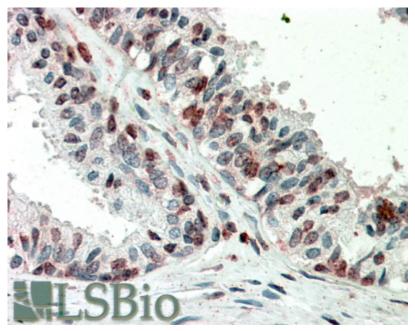
Western blot: Preliminary experiments gave an approx 70kDa band in Human, Mouse and Rat Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 50.6kDa according to NP_003404.1. The 70kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Prostate shows nuclear staining in select secretory cells. Recommended concentration, 5-10µg/ml.

Species Reactivity

Tested: Human

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



EB10811 (5 μ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.