

## **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.

# EB09705 - Goat Anti-DTX2 / Deltext-2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** DTX2, deltex homolog 2 (Drosophila), KIAA1528, MGC71098, RNF58, OTTHUMP00000024490, deltex 2, ring finger protein 58, zinc ion binding protein **Official Symbol:** DTX2

Accession Number(s): NP\_065943.2; NP\_001096066.1

Human GeneID(s): 113878

Non-Human GenelD(s): 304591 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_065943.2; NP\_001096066.1). Reported variants NP\_001096065.1, NP\_065943.2, NP\_001096064.1 represent identical protein.

#### Immunogen

Peptide with sequence C-EKLSTASGYSDVTD, from the internal region of the protein sequence according to NP\_065943.2; NP\_001096066.1.

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 1:32000.

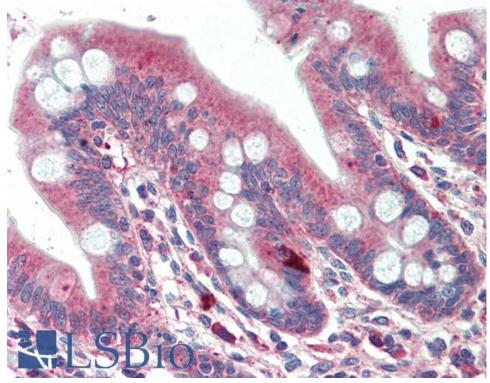
**Western blot:** Preliminary experiments gave an approx 85kDa band in lysates of cell lines A549, HepG2 and NIH3T3 after  $0.3\mu$ g/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 67.2kDa according to NP\_065943.2. The 85kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Rat, Cow



EB09705 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.