

#### International Office

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB11784 - Goat Anti-ENC1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** CCL28, ectodermal-neural cortex (with BTB-like domain), ectodermal-neural cortex 1 (with BTB-like domain), ectoderm-neural cortex protein 1, ENC1, ENC-1, FLJ39259, kelch-like 35, kelch-like 37, kelch-like protein 37, KLHL35, KLHL37, NRPB, nuclear matrix protein NRP/B, nuclear restricted protein, BTB domain-like (brain), OTTHUMP00000128235, OTTHUMP00000222054, p53-induced gene 10 protein,

PIG10, TP53I10, tumor protein p53 inducible protein 10

Official Symbol: ENC1

Accession Number(s): NP\_003624.1; NP\_001243505.1

Human GeneID(s): 8507

Non-Human GeneID(s): 13803 (mouse), 294674 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_003624.1; NP\_001243505.1). Reported variants represent identical protein:

NP\_001243503.1, NP\_001243504.1, NP\_003624.1.

### **Immunogen**

Peptide with sequence TSVSHDKLPKVQC, from the internal region of the protein sequence according to NP\_003624.1; NP\_001243505.1 .

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 1:128000.

**Western blot:** Approx 70kDa band observed in Rat Ovary lysates (calculated MW of 66.1kDa according to Rat NP\_001003401.1. Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Brain for this particular batch.

IHC: Paraffin embedded Human Adrenal Gland. Recommended concentration: 5µg/ml.

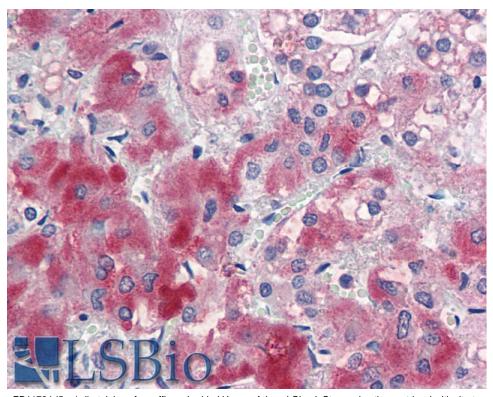
#### **Species Reactivity**

Tested: Rat, Human

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

 $EB11784\ (1\mu g/ml)\ staining\ of\ Rat\ Ovary\ lysate\ (35\mu g\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$ 



EB11784 (5μg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.