

## UK Office

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

## 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.

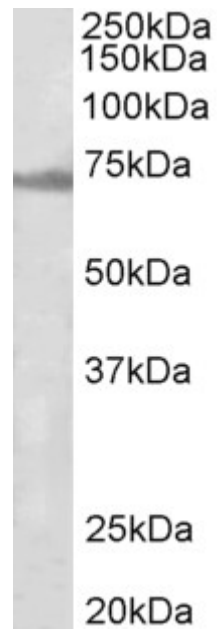
**Western blot:** Approx 70kDa band observed in Rat Ovary lysates (calculated MW of 66.1kDa according to Rat NP\_001003401.1. Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Brain for this particular batch.

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

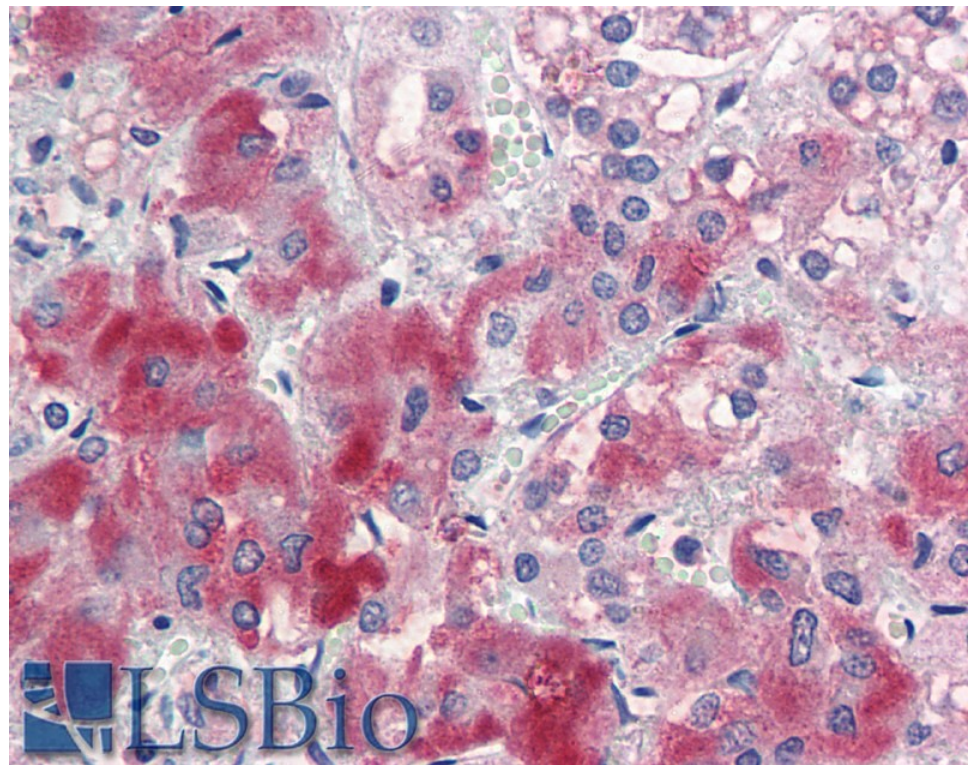
### Species Reactivity

**Tested:** Rat, Human

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



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



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