

## UK Office

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

## EB07242 - Goat Anti-Catenin alpha1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** catenin (cadherin-associated protein), alpha 1, 102kDa, HGNC:2509, CTNNA1, CAP102, FLJ36832, alpha 1 (102kD), alpha-E-catenin, alpha-catenin, alphaE-catenin, cadherin-associated protein, 102kDa, catenin (cadherin-associated protein), alpha 1 (102kD), catenin, alpha 1

**Official Symbol:** CTNNA1

**Accession Number(s):** NP\_001894.2

**Human GeneID(s):** [1495](#)

**Non-Human GeneID(s):** 12385 (mouse), 307505 (rat)

### Immunogen

Peptide with sequence C-KREKQDETQTKIK, from the internal region of the protein sequence according to NP\_001894.2.

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 1:32000.

**Western blot:** Approx 100kDa band observed in human colon and human skin lysates (calculated MW of 100kDa according to NP\_001894.2). Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Prostate and Uterus. Recommended concentration: 3.75µg/ml.

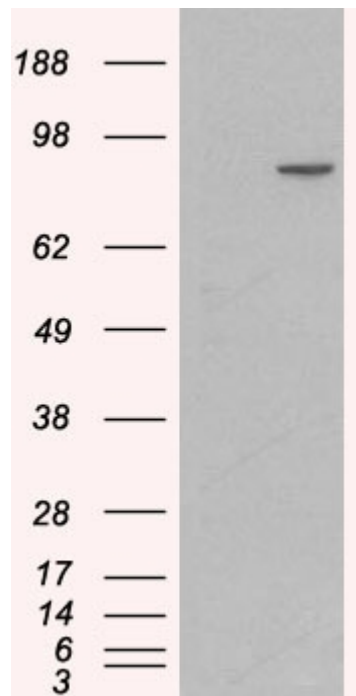
### Species Reactivity

**Tested:** Human

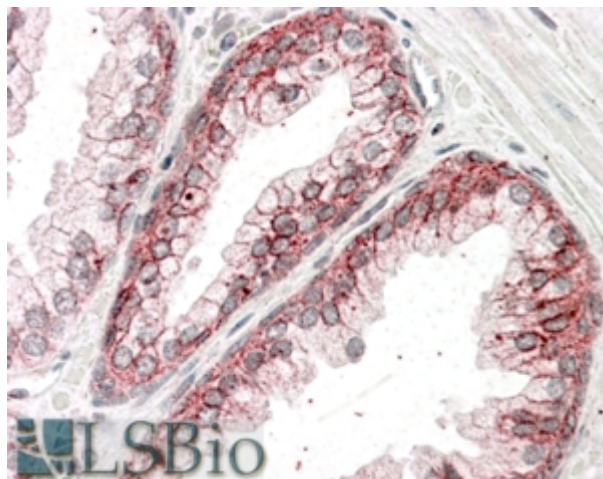
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



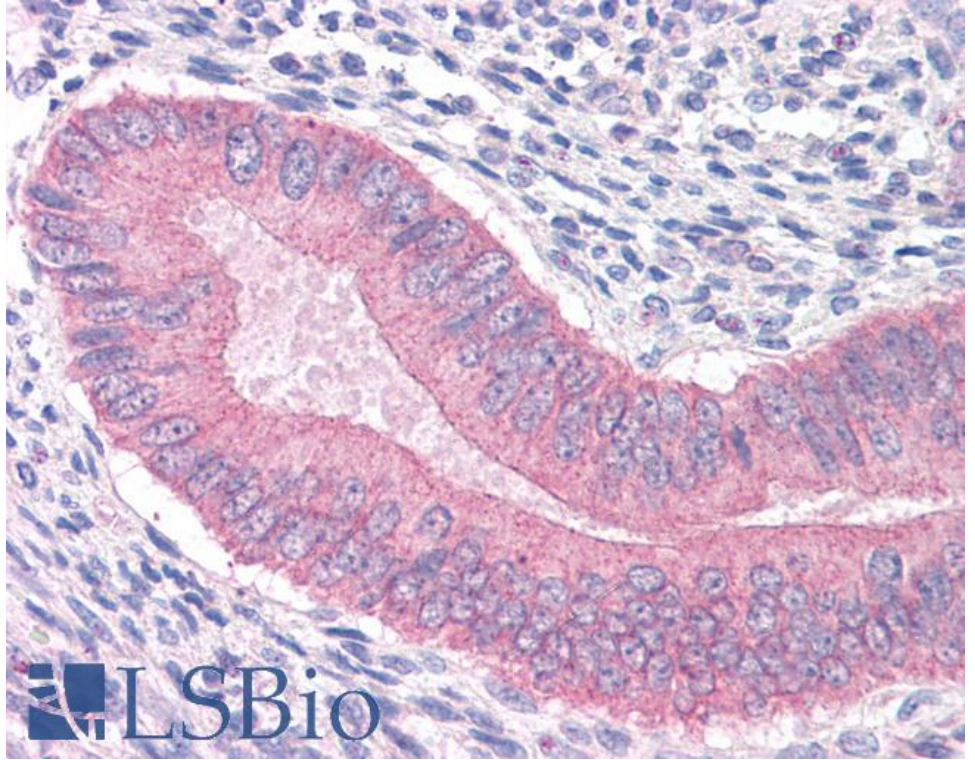
EB07242 (1µg/ml) staining of human colon lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing Human CTNNA1 (RC201766) and probed with EB07242 (mock transfection in first lane), tested by Origene.



EB07242 (3.75µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07242 (3.75µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.