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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB07242 - Goat Anti-Catenin alpha1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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.

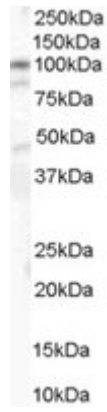
Western blot: Approx 100kDa band observed in human colon and human skin lysates (calculated MW of 100kDa according to NP_001894.2). Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Prostate shows staining of cell membranes of the secretory cells in the glands. Recommended concentration, 3-6µg/ml.

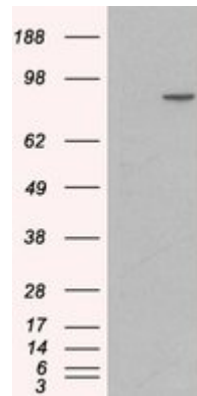
Species Reactivity

Tested: Human

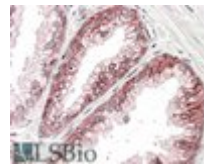
Expected from sequence similarity: Human, Mouse, Rat, Dog



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 (3.8µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.