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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 GenelD(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

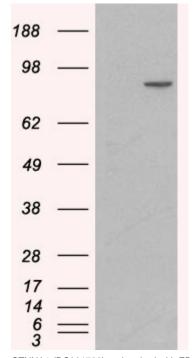
Tested: Human

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

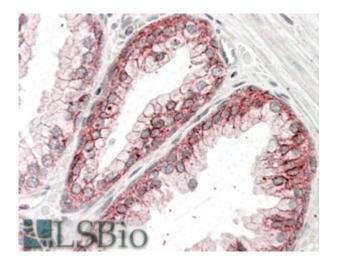
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

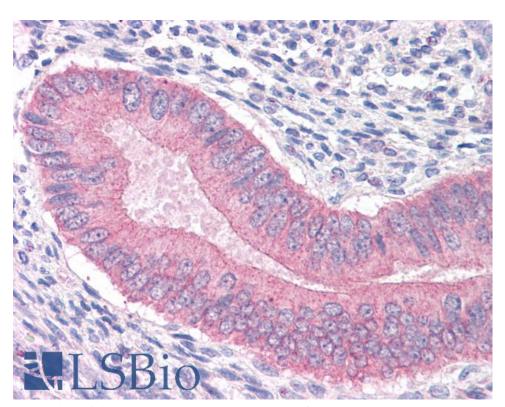
EB07242 (1µg/ml) staining of human colon lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



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





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