

## Goat anti-Catenin alpha1 Antibody

<b>Item Number</b>	dAP-0841
<b>Target Molecule</b>	Principle Name: Catenin alpha1; Official Symbol: CTNNA1; All Names and Symbols: 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); cat; Accession Number (s): NP_001894.2; Human Gene ID(s): 1495; Non-Human GeneID(s): 12385 (mouse) 307505 (rat)
<b>Immunogen</b>	KREKQDETQTKIK, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Prostate shows staining of cell membranes of the secretory cells in the glands. Recommended concentration, 3-6µg/ml.
<b>Reference</b>	Reference(s): Lynch HT, Grady W, Suriano G, Huntsman D. Gastric cancer: New genetic developments. J Surg Oncol. 2005 May 13;90(3):114-133 [Epub ahead of print] .PMID: 15895459 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**