

Goat anti-CTNNB1 / catenin beta-1 (aa108-121) Antibody

Item Number	dAP-3221
Target Molecule	Principle Name: CTNNB1 / catenin beta-1 (aa108-121); Official Symbol: CTNNB1; All Names and Symbols: CTNNB1; catenin (cadherin-associated protein), beta 1, 88kDa; CTNNB; MRD19; armadillo; catenin beta-1; Accession Number (s): NP_001895.1; Human Gene ID(s): 1499; Non-Human GeneID(s): 12387 (mouse) 84353 (rat)
Immunogen	QIPSTQFDAAHPTN, is from internal region Reported variants represent identical protein: NP_001091679.1, NP_001895.1, NP_001091680.1.
Applications	Pep ELISA, IF, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 85.5kDa according to NP_001895.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature..
IHC	
Reference	Reference(s): Mazemondet O, John M, Leye S, Rolfs A, Uhrmacher AM. Elucidating the sources of β -catenin dynamics in human neural progenitor cells. PloS one 2012 7 (8): e42792..PMID: 22952611->

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**