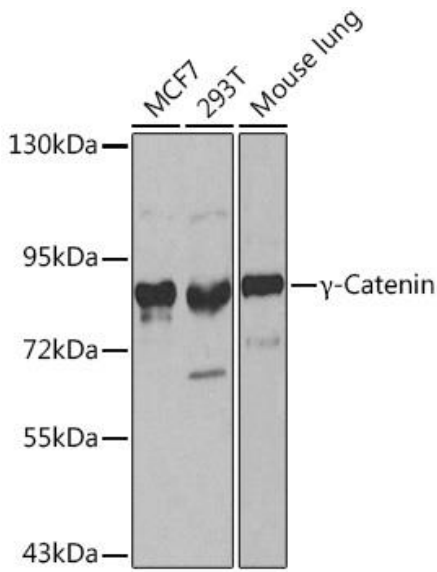
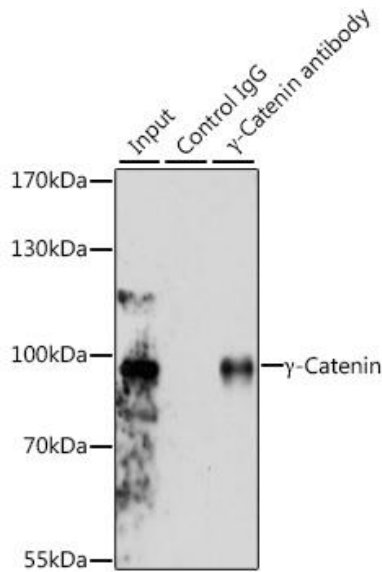


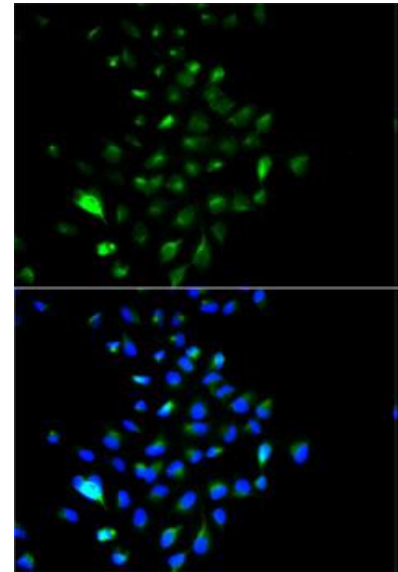
Product name:	Catenin gamma /CTNNG1
Cat number:	AB-90215
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human γ -Catenin.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:200 Immunoprecipitation: 1:50 - 1:100
Molecular Weight:	82kDa
Purification:	Aff. Pur
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described.



Western blot analysis of extracts of various cell lines, using γ -Catenin antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.



Immunoprecipitation analysis of 200ug extracts of MCF-7 cells, using 3 ug γ -Catenin antibody. Western blot was performed from the immunoprecipitate using γ -Catenin antibody at a dilution of 1:1000.



Immunofluorescence analysis of HeLa cells using γ -Catenin antibody. Blue: DAPI for nuclear staining.