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**Product Name: Phospho-delta 1 Catenin (Thr916) Rabbit Monoclonal Antibody****Catalog #: AMRe84896**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 108 kDa; Observed MW: 100 kDa

**Antigen Information**

<b>Gene Name</b>	Phospho-delta 1 Catenin (Thr916)
<b>Alternative Names</b>	CAS; p120; BCDS2; CTNND; P120CAS; P120CTN; p120(CAS); p120(CTN)
<b>Gene ID</b>	1500.0
<b>SwissProt ID</b>	O60716
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Thr916 of human delta 1 Catenin/CAS

**Background**

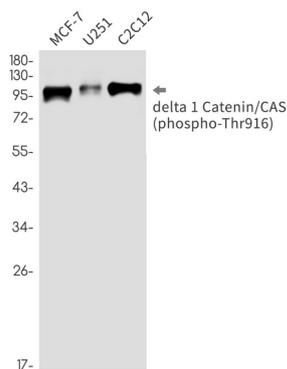
Catenin  $\delta$ -1 (p120 catenin) has an amino-terminal coiled-coil domain followed by a regulatory domain containing multiple phosphorylation sites and a central Armadillo repeat domain of ten linked 42-amino acid repeats. The carboxy-terminal tail has

no known function. Catenin  $\delta$ -1 fulfills critical roles in the regulation of cell-cell adhesion as it regulates E-cadherin turnover at the cell surface to determine the level of E-cadherin available for cell-cell adhesion.

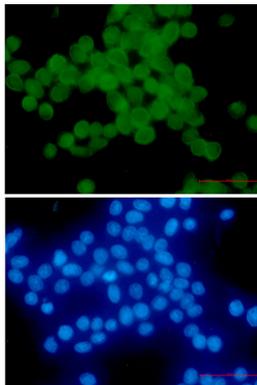
## Research Area

Wnt signaling pathway

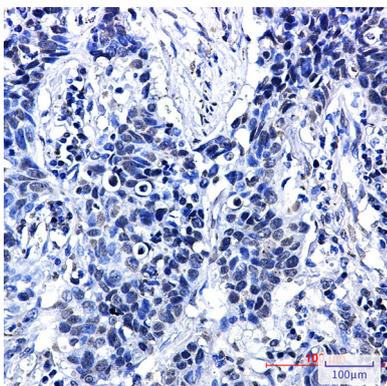
## Image Data



Western blot analysis of Phospho-delta 1 Catenin/CAS (Thr916) in MCF-7, U251, C2C12 lysates using Phospho-delta 1 Catenin (Thr916) antibody.



Immunocytochemistry analysis of delta 1 Catenin/CAS (Phospho-Thr916) (green) in HeLa using delta 1 Catenin/CAS (Phospho-Thr916) antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-delta 1 Catenin/CAS (Thr916) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.