

## delta-Catenin/p120 Catenin Monoclonal Antibody

CAB11399

### Description

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This delta-Catenin/p120 Catenin Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB11399
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	CAS, p120, BCDS2, CTNND, P120CAS, P120CTN, p120(CAS), p120(CTN), $\delta$ -Catenin/p120 Catenin
<b>Clone:</b>	ARC0586
<b>Applications:</b>	WB IHC-P IP ELISA
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	1500
<b>Uniprot:</b>	AB_2861557
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	100kDa/110kDa
<b>Calculated MW:</b>	108kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

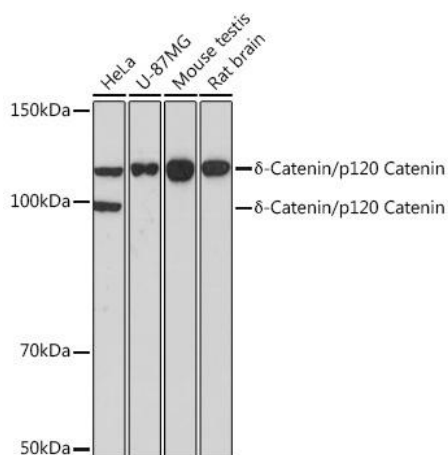
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, U-87MG, Mouse testis, Rat brain

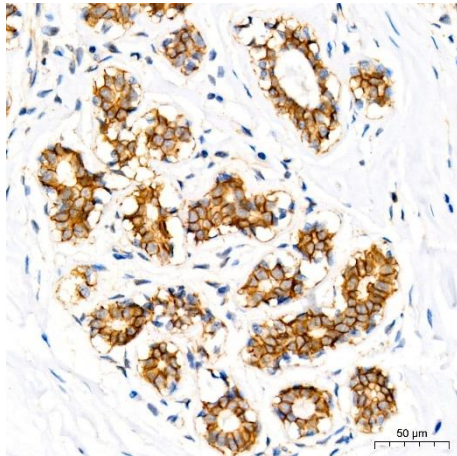
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:1000
	<b>IHC-P</b>	1:50 - 1:200
	<b>IP</b>	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

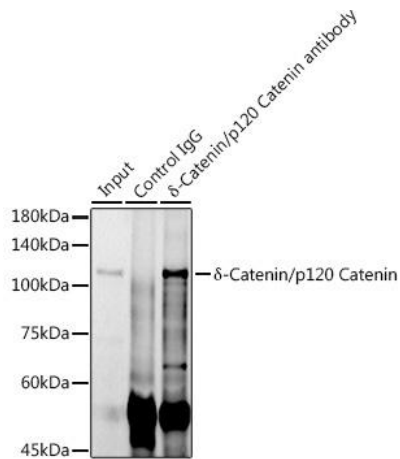
## Validation Data



Western blot analysis of various lysates using δ-Catenin/p120 Catenin Rabbit mAb (CAB11399) at 1 : 1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Human breast using  $\delta$ -Catenin/p120 Catenin Rabbit mAb (CAB11399) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation analysis of 600  $\mu$ g extracts of Mouse testis cells using 3  $\mu$ g  $\delta$ -Catenin/p120 Catenin antibody (CAB11399). Western blot was performed from the immunoprecipitate using  $\delta$ -Catenin/p120 Catenin antibody (CAB11399) at a dilution of 1:1000.