

Product Datasheet

Catenin alpha 1 Antibody

Catalog No: CY5647

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P35221

All Names: 102 kDa cadherin-associated protein; Alpha E-catenin; CATNA1; CTN1; Cadherin-associated protein; catenin alpha-1; Catenin alpha 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 100 kDa

Application

WB: 1:10000~1:20000

IHC: 1:50~1:200

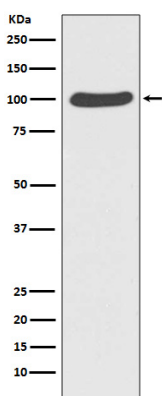
ICC/IF: 1:50~1:200

IP: 1:50

FC: 1:50

Background

Adherens junctions are dynamic structures that form cell-cell contacts and are important in development, differentiation, tissue integrity, morphology and cell polarity. They are composed of the transmembrane proteins, cadherins, which bind cadherins on adjacent cells in a calcium-dependent manner. On the cytoplasmic side of adherens junctions, the classic model states that cadherins are linked to the cytoskeleton through β - and α -catenin. α -E-catenin is ubiquitously expressed, α -N-catenin is expressed in neuronal tissue, and α -T-catenin is primarily expressed in heart tissue.



Western blot analysis of Catenin alpha 1 expression in HeLa cell lysate.

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