



Rabbit Anti-JUP monoclonal antibody, clone KG1084 (CABT-L871)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Target | gamma Catenin |
| Immunogen | Recombinant protein |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse, Rat |
| Clone | KG1084 |
| Purification | Protein A purified. |
| Conjugate | Unconjugated |
| Applications | WB, ICC/IF, IHC, FC |
| Molecular Weight | 82 kDa |
| Cellular Localization | Cell junction, Cytoplasm, Membrane. |
| Positive Control | A431, MCF-7, Hela, mouse stomach tissue. |
| Format | Liquid |
| Size | 100 µl |
| Buffer | 1×TBS (pH7.4), 1% BSA, 40% Glycerol. |
| Preservative | 0.05% Sodium Azide |

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| Storage | Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
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BACKGROUND

Introduction

The catenins, α , β and γ , are proteins which bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. α -catenin was initially described as an E-cadherin associated protein, and since has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. β -catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. β -catenin has also been found in complexes with the tumor suppressor protein APC. γ -catenin, also known as plakoglobin, binds with α -catenin and N-cadherin. It has been shown that the transmembrane phosphatase PTP μ associates with catenin/cadherin complexes and may regulate complex signaling.

Keywords

ARVD 12;ARVD12;Catenin (cadherin associated protein), gamma 80kDa;catenin (cadherin-associated protein) gamma (80kD);Catenin gamma;CTNNG;Desmoplakin 3;Desmoplakin III;Desmoplakin-3;Desmoplakin3;DesmoplakinIII;DP 3;DP III;DP3;DPIII;gamma catenin;Junction plakoglobin;JUP;OTTHUMP00000164732;OTTHUMP00000164735;OTTHUMP00000164738;PDGB;PKGB antibody
