

Product Name: gamma Catenin Rabbit Monoclonal Antibody
Catalog #: AMRe03006

Summary

Production Name	gamma Catenin Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	JUP
Alternative Names	JUP; CTNNG; DP3; Junction plakoglobin; Catenin gamma; Desmoplakin III; Desmoplakin-3
Gene ID	3728
SwissProt ID	P14923

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 82 kDa; Observed MW: 82 kDa

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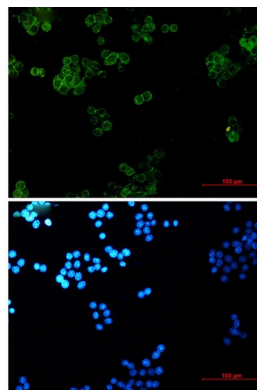
Background

Desmoplakin 3 Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques.

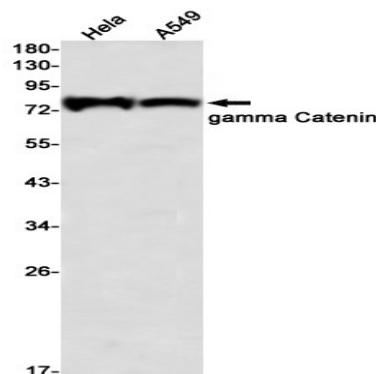
Research Area

Signal Transduction

Image Data

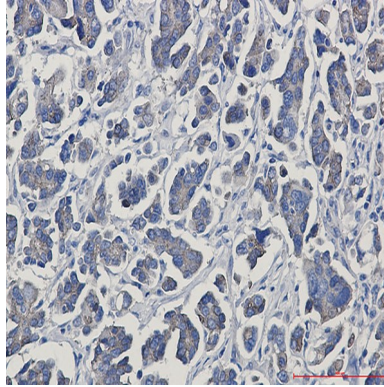


Immunocytochemistry analysis of gamma Catenin (green) in HeLa using gamma Catenin antibody, and DAPI (blue).



Western blot analysis of gamma Catenin in HeLa, A549 lysates using gamma Catenin antibody.

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Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using gamma Catenin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.