

ARG63457 anti-gamma Catenin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes gamma Catenin
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms, as represented by NP_002221.1 and NP_068831.1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	gamma Catenin
Species	Human
Immunogen	C-GLRPPYPTADHMLA
Conjugation	Un-conjugated
Alternate Names	PKGB; DP3; CTNNG; Desmoplakin-3; DPIII; PDGB; ARVD12; Catenin gamma; Junction plakoglobin; Desmoplakin III

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

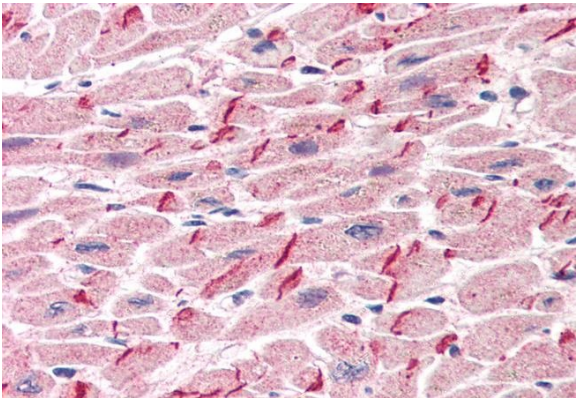
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

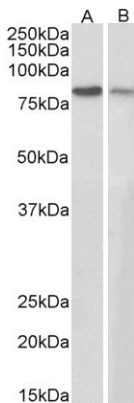
Background	This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	82 kDa
PTM	May be phosphorylated by FER.

Images



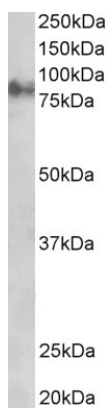
ARG63457 anti-gamma Catenin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63457 anti-gamma Catenin antibody at 5 µg/ml dilution followed by AP-staining.



ARG63457 anti-gamma Catenin antibody WB image

Western blot: 35 µg of A431 (A) and NIH/3T3 (B) cell lysates (in RIPA buffer) stained with ARG63457 anti-gamma Catenin antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG63457 anti-gamma Catenin antibody WB image

Western blot: 35 µg of Rat eye lysate (in RIPA buffer) stained with ARG63457 anti-gamma Catenin antibody at 1 µg/ml dilution and incubated at RT for 1 hour.