

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Beta Catenin



Numéro de catalogue: 51067-2-AP

Phare

633 Publications

Informations de base

Numéro de catalogue:

51067-2-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC058926

Identification du gène (NCBI):

1499

Nom complet:

catenin (cadherin-associated protein), beta 1, 88kDa

MW calculé

781 aa, 86 kDa

MW observés:

92 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:1000-1:4000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

chIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

canin, Chèvre, Humain, poisson-zèbre, porc, poulet, rat, souris, Hamster

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A431, cellules C6, cellules HEK-293, cellules HeLa, cellules MCF-7, cellules NIH/3T3, cellules SH-SY5Y, tissu hépatique de rat, tissu hépatique de souris, tissu placentaire humain, tissu pulmonaire de souris

IP : tissu hépatique de souris,

IHC : tissu de cancer du côlon humain, tissu de cancer du foie humain, tissu de cancer du sein humain, tissu de côlon de souris, tissu hépatique de souris

IF : cellules MCF-7, cellules HeLa, cellules HepG2, cellules T-47D, tissu testiculaire de souris

Informations générales

β-Catenin, also known as CTNNB1, is an evolutionarily conserved, multifunctional intracellular protein. β-Catenin is a 92-kDa protein, originally identified in cell adherens junctions (AJs) where it functions to bridge the cytoplasmic domain of cadherins to a-catenin and the actin cytoskeleton. Besides its essential role in the AJs, β-catenin is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. The Wnt/β-catenin pathway is also involved in the activation of other intracellular messengers such as calcium fluxes, JNK, and SRC kinases. Deregulation of β-catenin activity is associated with multiple diseases including cancers. (PMID: 22617422; 18334222)

Publications notables

Autrice	Pubmed ID	Journal	Application
Min Zhou	36171592	J Exp Clin Cancer Res	WB
Wen-Long Lei	34580275	Cell Death Dis	WB,IF
Ke-Xin Wang	34649212	Phytomedicine	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

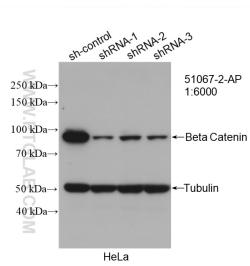
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

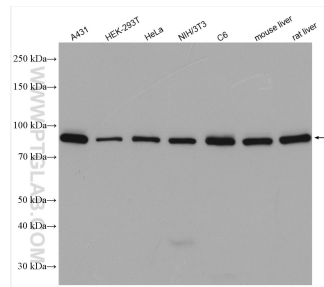
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

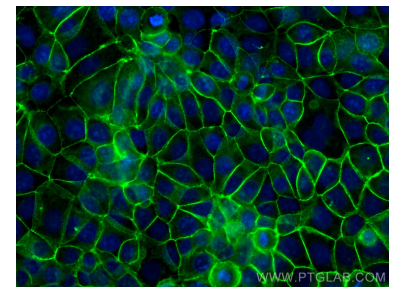
Données de validation sélectionnées



WB result of Beta Catenin antibody (51067-2-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Beta Catenin transfected HeLa cells.



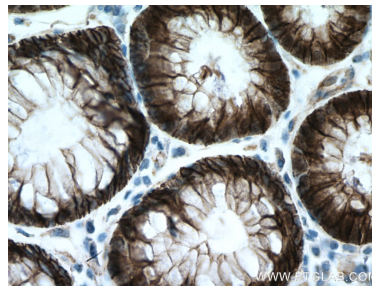
Various lysates were subjected to SDS PAGE followed by western blot with 51067-2-AP (Beta Catenin antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



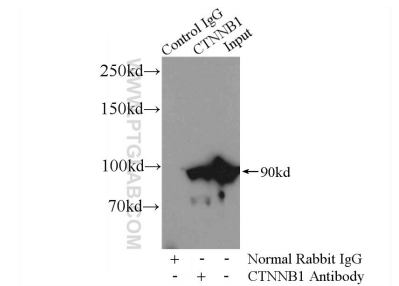
Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using Beta Catenin antibody (51067-2-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit Ig(H+L).



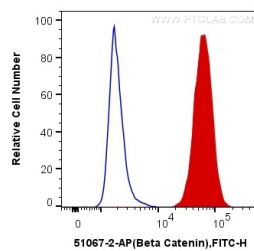
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 51067-2-AP (beta-Catenin antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 51067-2-AP (beta-Catenin antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-beta-Catenin (IP:51067-2-AP, 4ug; Detection:51067-2-AP 1:500) with mouse liver tissue lysate 6400ug.



1X10⁶ MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human Beta Catenin (51067-2-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).