

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-Beta Catenin (Ser552)



Numéro de catalogue: 28778-1-AP

Informations de base

Numéro de catalogue: 28778-1-AP	Numéro d'acquisition GenBank: BC058926	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 150 µg/ml by Nanodrop;	Identification du gène (NCBI): 1499	Dilutions recommandées: WB 1:1000-1:4000
Hôte: Lapin	Nom complet: catenin (cadherin-associated protein), beta 1, 88kDa	
Isotype: IgG	MW calculé 781 aa, 86 kDa	
	MW observés: 86-100 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : Forskolin treated A431 cells, cellules HSC-T6, cellules HSC-T6 traitées à la forskoline, cellules HT-29
Spécificité de l'espèce: Humain, rat, 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 α -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, PMID: 18334222). Both AMPK and AKT phosphorylates β -catenin at Ser 552. The phosphorylation of β -catenin at Ser552 can stabilize β -catenin, enhance its nuclear accumulation and increase its transcriptional activity (PMID: 2865606, PMID: 20361929).

Stockage

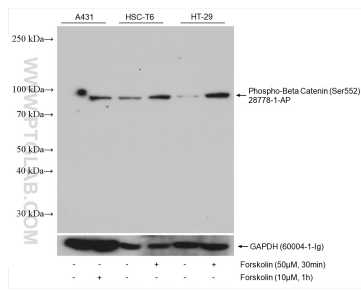
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** 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)
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Données de validation sélectionnées



Untreated and Forskolin treated cells were subjected to SDS PAGE followed by western blot with 28778-1-AP (Phospho-Beta Catenin (Ser552) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as loading control.