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Datasheet

CTNNBIP1 polyclonal antibody

Catalog Number: PAB5217

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CTNNBIP1.

Immunogen: A synthetic peptide corresponding to residues surrounding S37 of human CTNNBIP1.

Host: Rabbit

Reactivity: Human,Mouse,Rat

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody detects endogenous levels of total CTNNBIP1.

Form: Liquid

Recommend Usage: Immunohistochemistry (1:50-1:100)
Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 56998

Gene Symbol: CTNNBIP1

Gene Alias: ICAT, MGC15093

Gene Summary: The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

References:

1. A conserved docking motif for CK1 binding controls the nuclear localization of NFAT1. Okamura H, Garcia-Rodriguez C, Martinson H, Qin J, Virshup DM, Rao A. Mol Cell Biol. 2004 May;24(10):4184-95.
2. Crystal structure of a beta-catenin/axin complex suggests a mechanism for the beta-catenin destruction complex. Xing Y, Clements WK, Kimelman D, Xu W. Genes Dev. 2003 Nov 15;17(22):2753-64. Epub 2003 Nov 4.
3. A noncanonical sequence phosphorylated by casein kinase 1 in beta-catenin may play a role in casein kinase 1 targeting of important signaling proteins. Marin O, Bustos VH, Cesaro L, Meggio F, Pagano MA, Antonelli M, Allende CC, Pinna LA, Allende JE. Proc Natl Acad Sci U S A. 2003 Sep 2;100(18):10193-200. Epub 2003 Aug 18.