

## Datasheet

### CTNNBIP1 polyclonal antibody

**Catalog Number:** PAB5218

**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 T41/S45 of human CTNNBIP1.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** 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:** 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. Functional correlates of mutation of the Asp32 and Gly34 residues of beta-catenin. Provost E, McCabe A, Stern J, Lizardi I. Oncogene. 2005 Apr 14;24(16):2667-76.
2. Functional correlates of mutations in beta-catenin exon 3 phosphorylation sites. Provost E, Yamamoto Y, Lizardi I, Stern J. J Biol Chem. 2003 Aug 22;278(34):31781-9. Epub 2003 Jun 10.
3. Phosphorylation and regulation of beta-catenin by casein kinase I epsilon. Sakanaka C. J Biochem. 2002 Nov;132(5):697-703.