

CTNNBIP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CTNNBIP1.

Catalog # AT1676a

Product Information

Application	WB, E
Primary Accession	Q9NSA3
Other Accession	NM_020248
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5C6
Calculated MW	9170

Additional Information

Gene ID	56998
Other Names	Beta-catenin-interacting protein 1, Inhibitor of beta-catenin and Tcf-4, CTNNBIP1, ICAT
Target/Specificity	CTNNBIP1 (NP_064633, 1 a.a. ~ 81 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CTNNBIP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

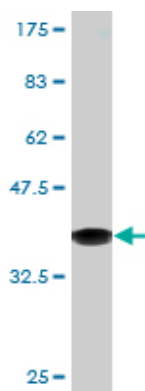
The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene.

References

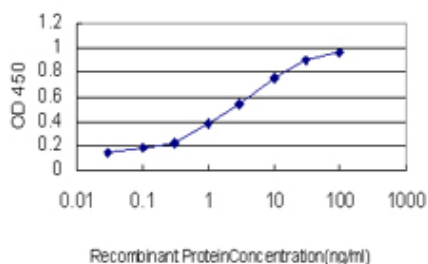
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2010 Jun. PMID 20182836. ICAT as a potential enhancer of monocytic differentiation: implications from the comparative proteome analysis of the HL60 cell line stimulated by all-trans retinoic acid and NSC67657. Wang W, et al. Cell Biochem Funct, 2009 Aug. PMID 19569129. Comparative proteomics analysis on differentiation of human promyelocytic leukemia HL-60 cells into granulocyte and monocyte lineages. Wang WJ, et al. Ai Zheng, 2009 Feb. PMID 19550115. HINT1 inhibits beta-catenin/TCF4, USF2 and NFkappaB activity in human hepatoma cells. Wang L, et al. Int J Cancer, 2009 Apr 1. PMID 19089909.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 KDa) .



Detection limit for recombinant GST tagged CTNNBIP1 is approximately 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.