

CTNNBIP1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CTNNBIP1.****Catalog # AT1676a****Specification**

CTNNBIP1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9NSA3
Other Accession	NM_020248
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	9170

CTNNBIP1 Antibody (monoclonal) (M01) - 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.

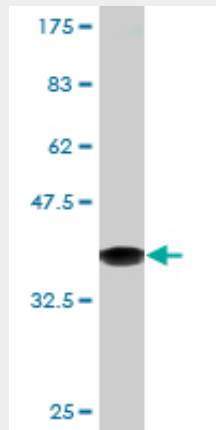
CTNNBIP1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

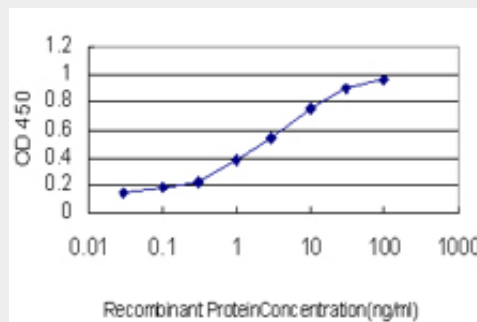
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTNNBIP1 Antibody (monoclonal) (M01) - 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.

CTNNBIP1 Antibody (monoclonal) (M01) - 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.

CTNNBIP1 Antibody (monoclonal) (M01) - References

Immunohistochemical expression of E-cadherin and beta-catenin in ameloblastomas and tooth germs. Alves Pereira KM, et al. Oral Surg Oral Med Oral Pathol Oral Radiol Endod, 2010 Mar. PMID 20219600. Reduced beta-catenin expression is associated with good prognosis in Astrocytoma. Zhang LY, et al. Pathol Oncol Res, 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.