

## ARG10827 anti-Menin antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Menin
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Menin
Species	Human
Immunogen	Recombinant protein around aa. 301-615 of Human Menin.
Conjugation	Un-conjugated
Alternate Names	MEAI; Menin; SCG2

### Application Instructions

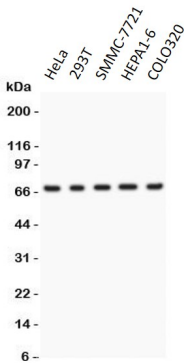
Application table	Application	Dilution
	IHC-P	1:50-1:200
	WB	1:500-1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

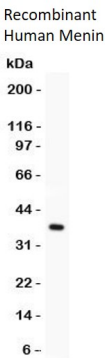
Gene Symbol	MEN1
Gene Full Name	multiple endocrine neoplasia I
Background	This gene encodes menin, a putative tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. In vitro studies have shown menin is localized to the nucleus, possesses two functional nuclear localization signals, and inhibits transcriptional activation by JunD, however, the function of this protein is not known. Two messages have been detected on northern blots but the larger message has not been characterized. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2008]
Function	Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFKB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression. May be involved in normal hematopoiesis through the activation of HOXA9 expression (By similarity). May be involved in DNA repair. [UniProt]
Calculated Mw	68 kDa

Images



ARG10827 anti-Menin antibody WB image

Western blot: HeLa, 293T, SMMC-7721, Mouse HEP1-6 and COLO320 cell lysates stained with ARG10827 anti-Menin antibody.



ARG10827 anti-Menin antibody WB image

Western blot: 0.5 ng of Recombinant Human Menin protein stained with ARG10827 anti-Menin antibody.