

Datasheet for ABIN6990950
anti-MED28 antibody (AA 50-100)



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Overview

Quantity:	0.1 mg
Target:	MED28
Binding Specificity:	AA 50-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED28 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	MED28 antibody was raised against a 17 amino acid synthetic peptide from near the center of human MED28. The immunogen is located within amino acids 50 - 100 of MED28.
Isotype:	IgG
Purification:	MED28 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MED28
Alternative Name:	MED28 (MED28 Products)
Background:	MED28 Antibody: The mediator complex is a multi-protein transcriptional co-activator that is expressed ubiquitously in eukaryotes from yeast to mammals and is required for induction of RNA polymerase II (pol II) transcription by DNA binding transcription factor. One of the proteins

Target Details

in this complex is MED28, also known as Magicin. MED28 is expressed in many cell lines and tissues. It has been shown that a down-regulation of MED28 expression in NIH3T3 cells results in a significant induction of several genes associated with smooth muscle cell differentiation and conversely its over-expression represses expression of SMC genes. MED28 can also form a ternary complex with Grb2 and Merlin, the neurofibromatosis 2 tumor suppressor protein, indicating that MED28 may play a role in Merlin's tumor suppressive activity. MED28 has also been recently identified as an HIV dependency factor (HDF), suggesting that MED28 may be an important drug target in HIV treatment. At least two isoforms of MED28 are known to exist.

Gene ID:	80306
NCBI Accession:	NP_079481
UniProt:	Q9H204
Pathways:	Stem Cell Maintenance , Regulation of Muscle Cell Differentiation

Application Details

Application Notes: MED28 antibody can be used for detection of MED28 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	MED28 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	MED28 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.