

Rabbit anti-Human, Mouse Menin Polyclonal Antibody

Menin antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59962	Rabbit	Human, Mouse	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

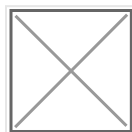
PRODUCT SYNONYMS

Menin; Polyclonal Antibody; Menin antibody (pAb); MEN1; MEAI; SCG2; anti-Menin antibody

PRODUCT SPECIFICATIONS

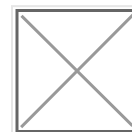
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-Menin antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This Menin antibody was raised against a peptide corresponding to amino acids within the C-terminal region of human Menin.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

Western blot of Menin antibody. Nuclear extract of HEK293 cells (20 ?g) probed with Menin antibody (1:1,000).



ChIP (Chromatin Immunoprecipitation)

Menin antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 25 ug of chromatin from a mouse thymus and 5 ug of MEN1 antibody. ChIP DNA was sequenced on the Illumina HiSeq and 15 million sequence tags were mapped to identify MEN1 binding sites. MEN1 is a subunit of the MLL complex which catalyzes H3K4 trimethylation and is therefore expected to localize with H3K4me3. A sampling of the MEN1 ChIP-Seq data shows the expected co-localization of MEN1 and H3K4me3.

ADDITIONAL INFORMATION

Related Product Information for anti-Menin antibody	Short Description: Our Menin antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human and Mouse samples. Background: Menin (MEN1, SCG2) is a tumor suppressor and a component of multiple MLL-containing protein complexes (MLL, ACSOM, MLL2/3 and MLL3/4), which methylate histone H3 at lysine 4. Menin interacts directly with MLL through a domain in the N-terminus of MLL. It also interacts with RNA polymerase II large subunit C-terminal domain phosphorylated at Ser5. Menin is involved in the activation of HOX gene expression and is localized along with MLL at several HOX gene promoters. It is also important for activating the expression of several cell cycle regulators, indicating a mechanism for its role as a tumor suppressor. Defects in Menin are associated with inherited Multiple Endocrine Neoplasia type I, a dominant predisposition to cancer of a number of endocrine tissues.
Product Categories/Family for anti-Menin antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	80kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/menin-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/59962>