

Rabbit anti-Human, Mouse Menin Polyclonal Antibody | anti-MEN1 antibody

Rabbit anti-Menin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210764	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Menin; Polyclonal Antibody; Rabbit anti-Menin Antibody; Affinity Purified; MEAI; menin; SCG2; menin 1; anti-MEN1 antibody

PRODUCT SPECIFICATIONS

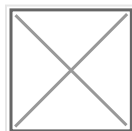
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MEN1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Dog
Immunogen	Between 560 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



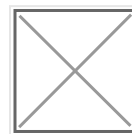
WB (Western Blot)

Detection of mouse Menin by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Menin antibody (AAA210764 lot 13) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



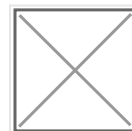
IP (Immunoprecipitation)

Detection of human Menin by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Menin antibody (AAA210764 lot 13) used for IP at 6 ug per reaction. Menin was also immunoprecipitated by a previous lot of this antibody (AAA210764 lot 12) and a second antibody against a different epitope of Menin. For blotting immunoprecipitated Menin, AAA210764 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of human Menin by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Menin antibody (AAA210764 lot 13) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human Menin by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-Menin (AAA210764 lot 13) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MEN1 antibody	Menin is the gene product of the putative tumor suppressor MEN1 associated with the syndrome termed multiple endocrine neoplasia type 1 that may function in the regulation of DNA synthesis or the response to DNA damage. Menin has been shown to interact with JunD, a member of the AP-1 heterodimer and inhibit transcription. Menin has also been shown to interact with Pem, FANCD2, RPA, NMMHCII-A, GFAP, vimentin, Hsp70, NfkappaB proteins, Smads, mSin3A and is part of the MLL2 and MLL1 Set1-like histone H3 K4 methyltransferase complex where it interacts directly with ASH2, Rbbp5, and WDR5. As part of the MLL complexes, menin may mediate its tumor suppressor activity via the regulation of histone methylation of HOX and CDK inhibitor genes. Alternative names for Menin are MEAI, multiple endocrine adenomatosis 1, suppressor Candidate Gene 2, and SCG2.
Product Categories/Family for anti-MEN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	4221
UniProt Accession #	O00255
UniProt Protein Name	Menin
UniProt Gene Name	MEN1
UniProt Synonym Gene Names	SCG2
UniProt Entry Name	MEN1_HUMAN

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-immunohistochemistry-immunoprecipitation-western-blot-elisa/210764>