Product Datasheet

MEN1 Antibody

Catalog No: #34285

Package Size: #34285-1 50ul #34285-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

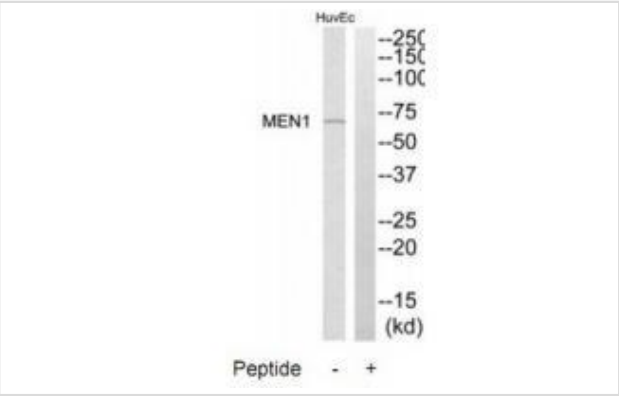
Product Name	MEN1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MEN1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MEN1.
Target Name	MEN1
Other Names	MEAI; Menin; SCG2; Wermer syndrome; Zollinger-Ellison syndrome
Accession No.	Swiss-Prot: O00255NCBI Gene ID: 4221
Uniprot	O00255
GeneID	4221;
SDS-PAGE MW	67kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

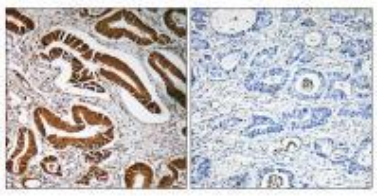
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HuvEc cells, using MEN1 antibody #34285.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MEN1 antibody #34285.

Background

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.

Chandrasekharappa S.C., Science 276:404-407(1997).
Jin S., Cancer Res. 63:4204-4210(2003).
Schnepp R.W., Cancer Res. 64:6791-6796(2004).

Note: This product is for in vitro research use only