



Anti-MEN1 (aa 506-615) polyclonal antibody (DPAB-DC1918)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	MEN1 (NP_000235, 506 a.a. ~ 615 a.a) partial recombinant protein with GST tag. The sequence is DKGLGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAPAASPPPEGPVLTFQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MEN1 multiple endocrine neoplasia 1 [Homo sapiens (human)]
Official Symbol	MEN1
Synonyms	MEN1; multiple endocrine neoplasia I; MEAI; SCG2;menin;
Entrez Gene ID	4221
Protein Refseq	NP_000235
UniProt ID	A0A024R5D2
Chromosome Location	11q13
Pathway	Cell cycle; Gene Expression; Loss of Function of SMAD2/3 in Cancer; Loss of Function of TGFBR1 in Cancer
Function	R-SMAD binding; Y-form DNA binding; chromatin binding; double-stranded DNA binding