



Menin Monoclonal Antibody

Catalog No	YP-mAb-00448
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MEN1
Immunogen	The antiserum was produced against synthesized peptide derived from human MEN1. AA range:181-230
Specificity	Menin Monoclonal Antibody detects endogenous levels of Menin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SCG2;Menin 1;Menin;MEAI;MEN1
Observed Band	67kD
Calculated Molecular Weight	67kD
Cell Pathway	Nucleus . Concentrated in nuclear body-like structures. Relocates to the nuclear matrix upon gamma irradiation.
Tissue Specificity	Ubiquitous.
Function	disease:Defects in MEN1 are the cause of familial isolated hyperparathyroidism (FIHP) [MIM:145000]; also known as hyperparathyroidism type 1 (HRPT1). FIHP is an autosomal dominant disorder characterized by hypercalcemia, elevated parathyroid hormone (PTH) levels, and uniglandular or multiglandular parathyroid tumors.,disease:Defects in MEN1 are the cause of familial multiple endocrine neoplasia type I (MEN1) [MIM:131100]; an autosomal dominant disorder characterized by tumors of the parathyroid glands, gastro-intestinal endocrine tissue, the anterior pituitary and other tissues. Cutaneous lesions and nervous-tissue tumors can exist. Prognosis in MEN1 patients is related to hormonal hypersecretion by tumors, such as hypergastrinemia causing severe peptic ulcer disease (Zollinger-Ellison syndrome, ZES), primary



hyperparathyroidism, and acute forms of hyperinsulinemia.,function:May be invol

Background

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. [provided by RefSeq, Oct 2008],

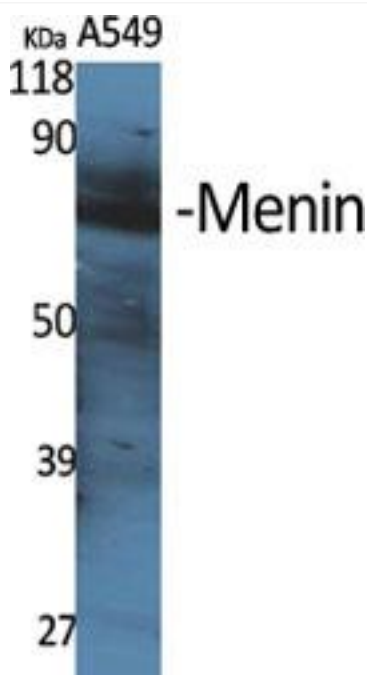
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Menin Monoclonal Antibody