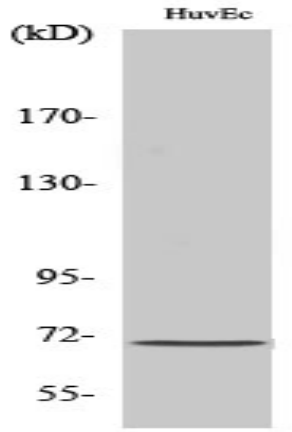
Best Tools for immunology Research

Menin Polyclonal Antibody

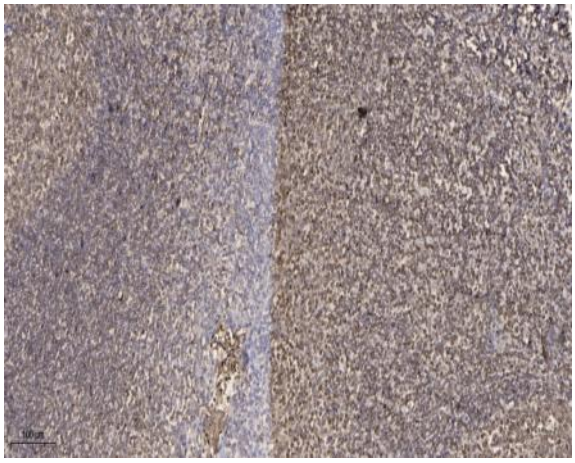
Catalog No :	YT2732
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Menin
Fields :	>>Cushing syndrome;>>Transcriptional misregulation in cancer
Gene Name :	MEN1
Protein Name :	Menin
Human Gene Id :	4221
Human Swiss Prot No :	O00255
Mouse Gene Id :	17283
Mouse Swiss Prot No :	O88559
Rat Gene Id :	29417
Rat Swiss Prot No :	Q9WVR8
Immunogen :	The antiserum was produced against synthesized peptide derived from human MEN1. AA range:181-230
Specificity :	Menin Polyclonal Antibody detects endogenous levels of Menin protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	67kD
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],
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
Subcellular Location :	Nucleus . Concentrated in nuclear body-like structures. Relocates to the nuclear matrix upon gamma irradiation.
Expression :	Ubiquitous.
Sort :	9581
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western Blot analysis of HuvEc cells using Menin Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).