Best Tools for immunology Research

Parafibromin Polyclonal Antibody

Catalog No :	YT6067
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Parafibromin
Gene Name :	CDC73 C1orf28 HRPT2
Protein Name :	Parafibromin
Human Gene Id :	79577
Human Swiss Prot No :	Q6P1J9
Mouse Gene Id :	214498
Mouse Swiss Prot No :	Q8JZM7
Immunogen :	Synthesized peptide derived from human Parafibromin. at AA range: 51-100
Specificity :	This antibody detects endogenous levels of Parafibromin
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000, ELISA 1:10000-20000
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 : 60kD

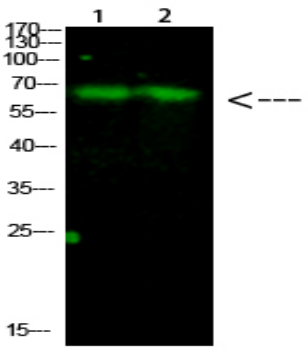
Background : This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma. [provided by RefSeq, Jul 2009],

Function : disease:Defects in CDC73 are a 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 CDC73 are a cause of parathyroid carcinoma [MIM:608266]. These cancers characteristically result in more profound clinical manifestations of hyperparathyroidism than do parathyroid adenomas, the most frequent cause of primary hyperparathyroidism. Early en bloc resection of the primary tumor is the only curative treatment.,disease:Defects in CDC73 are the cause of hyperparathyroidism-jaw tumor syndrome (HPT-JT) [MIM:145001]; also known as hyperparathyroidism type 2 (HRPT2) or familial primary hyperparathyroidism with multiple ossifying jaw fibromas. HPT-JT i

Subcellular Location : Nucleus .

Expression : Found in adrenal and parathyroid glands, kidney and heart.

Products Images



Western Blot analysis of 1,mouse-liver 2,mouse-brain cells using primary antibody diluted at 1:1000(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour)