



Parafibromin Monoclonal Antibody

Catalog No	YP-mAb-10760
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CDC73 C1orf28 HRPT2
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	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	CDC73;HRPT2;Hyperparathyroidism 2 protein;HPT JT;Parafibromin;CDC73 C1orf28 HRPT2;Parafibromin (Cell division cycle protein 73 homolog) (Hyperparathyroidism 2 protein)
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Nucleus .
Tissue Specificity	Found in adrenal and parathyroid glands, kidney and heart.
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

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],

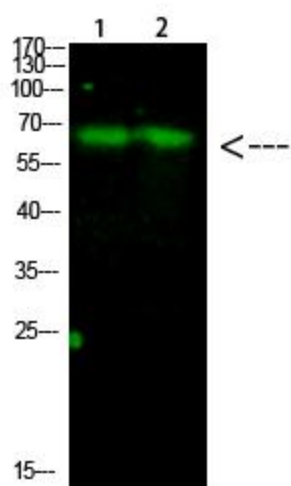
matters needing attention

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 Parafibromin Monoclonal Antibody