HRPT2/CDC73(19W5)
Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM37074	HRPT2/CDC73(19W5)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM37074
别名	Cdc73;FIHP;HPTJT;HRPT1;HRPT2;Hyperparathyroidism 2;HYX.
产品名称	HRPT2/CDC73(19W5)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	CDC73
蛋白名称	C1orf28,HRPT2
推荐应用	WB,IHC-P,FCM
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4),0.15M NaCl,40%Glycerol,0.01% New type preservative N and 0.05% BSA.
Human Gene ID	79577
Human Swissprot No.	Q6P1J9
免疫原	A synthetic peptide of human HRPT2

稀释度	WB 1:1000,IHC-P/IF-P 1:200-1:1000,FCM 1:200-1:500
参考分子量	61kDa
预测分子量	61kDa
运输及保存条件	Biological ice bag transportation.Store at -20℃ for at least 12 months(Do not lower than 25℃).Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	HRPT2/CDC73 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Found in adrenal and parathyroid glands,kidney and heart.
细胞定位	Nucleus
功能	Tumor suppressor probably involved in transcriptional and post-transcriptional control pathways.May be involved in cell cycle progression through the regulation of cyclin D1/PRAD1 expression. Component of the PAF1 complex(PAF1C)which has multiple functions during transcription by RNA polymerase II and is implicated in regulation of development and maintenance of embryonic stem cell pluripotency.PAF1C associates with RNA polymerase II through interaction with POLR2A CTD non-phosphorylated and ‘Ser-2’-and ‘Ser-5’-phosphorylated forms and is involved in transcriptional elongation,acting both independently and synergistically with TCEA1 and in cooperation with the DSIF complex and HTATSF1.PAF1C is required for transcription of Hox and Wnt target genes.PAF1C is involved in hematopoiesis and stimulates transcriptional activity of KMT2A/MLL1;it promotes leukemogenesis through association with

功能	KMT2A/MLL1-rearranged oncoproteins, such as KMT2A/MLL1-MLLT3/AF9 and KMT2A/MLL1-MLLT1/ENL. PAF1C is involved in histone modifications such as ubiquitination of histone H2B and methylation on histone H3 'Lys-4' (H3K4me3). PAF1C recruits the RNF20/40 E3 ubiquitin-protein ligase complex and the E2 enzyme UBE2A or UBE2B to chromatin which mediate monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1); UB2A/B-mediated H2B ubiquitination is proposed to be coupled to transcription. PAF1C is involved in mRNA 3 end formation probably through association with cleavage and poly(A) factors. In case of infection by influenza A strain H3N2, PAF1C associates with viral NS1 protein, thereby regulating gene transcription. Connects PAF1C with the cleavage and polyadenylation specificity factor (CPSF) complex and the cleavage stimulation factor (CSTF) complex, and with Wnt signaling. Involved in polyadenylation of mRNA precursors.
Clonality	Monoclonal

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