

PIH1D1 rabbit pAb

Catalog No :	YN6135
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	PIH1D1
Gene Name :	PIH1D1 NOP17
Protein Name :	PIH1 domain-containing protein 1 (Nucleolar protein 17 homolog)
Human Gene Id :	55011
Human Swiss Prot No :	Q9NWS0
Mouse Gene Id :	68845
Mouse Swiss Prot No :	Q9CQJ2
Rat Gene Id :	292898
Rat Swiss Prot No :	Q4V7F5
Immunogen :	Synthesized peptide derived from human PIH1D1
Specificity :	This antibody detects endogenous levels of PIH1D1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
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)**Molecularweight :** 32kD**Function :** Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles . Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription . Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1 . Positively regulates the assembly and activity of the mTORC1 complex .**Subcellular Location :** Nucleus .**Expression :** Expressed at low levels in normal mammary epithelial cells (at protein level) (PubMed:24036451). Highest expression in lung, leukocyte and placenta. Expressed at lower levels in brain, prostate, colon, heart, small intestine, liver, ovary, pancreas, skeletal muscle, spleen, testis and thymus (PubMed:21078300).

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