

PPIL1 rabbit pAb

Catalog No :	YT7024
Reactivity :	Human;Mouse
Applications :	WB;IHC
Target :	PPIL1
Fields :	>>Spliceosome
Gene Name :	PPIL1 CYPL1 CGI-124 UNQ2425/PRO4984
Protein Name :	PPIL1
Human Gene Id :	51645
Human Swiss Prot No :	Q9Y3C6
Mouse Gene Id :	68816
Mouse Swiss Prot No :	Q9D0W5
Immunogen :	Synthesized peptide derived from human PPIL1 AA range: 73-123
Specificity :	This antibody detects endogenous levels of PPIL1 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
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 : 18kD

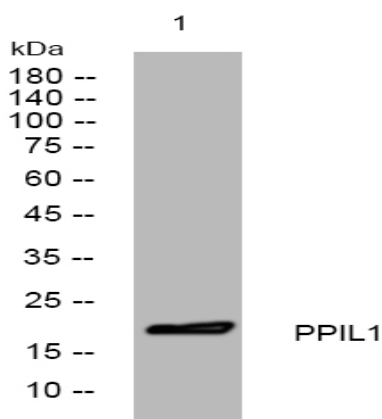
Background : This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPIases). The cyclophilins are a highly conserved, ubiquitous family, members of which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPIases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. [provided by RefSeq, Jul 2008],

Function : catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,enzyme regulation:Inhibited by Cyclosporin A.,function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing.,similarity:Belongs to the cyclophilin-type PPIase family. PPIL1 subfamily.,similarity:Contains 1 PPIase cyclophilin-type domain.,subunit:Identified in the spliceosome C complex, at least composed of AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PPIE, PPIL1, PPIL3, PPWD1, PRPF19, PRPF4B, PRPF6, PRPF8, RALY, RBM22, RBM8A, RBMX, SART1, SF3A1, SF3A2, SF3A3, SF3B1, SF3B2, SF3B3,

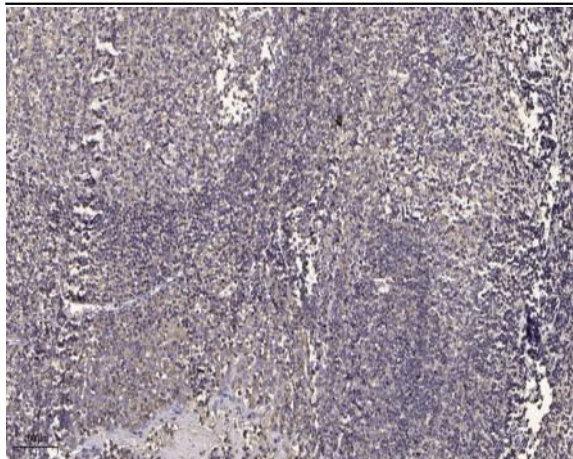
Subcellular Location : Nucleus .

Expression : Ubiquitous, with the most abundant expression in heart and skeletal muscle.

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night



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).