

NUPR1 rabbit pAb

Catalog No :	YT8077
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	NUPR1
Gene Name :	NUPR1 COM1
Protein Name :	Nuclear protein 1 (Candidate of metastasis 1) (Protein p8)
Human Gene Id :	26471
Human Swiss Prot No :	O60356
Mouse Gene Id :	56312
Mouse Swiss Prot No :	Q9WTK0
Rat Gene Id :	113900
Rat Swiss Prot No :	O54842
Immunogen :	Synthesized peptide derived from human C-terminal NUPR1
Specificity :	This antibody detects endogenous levels of NUPR1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
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 :	9kD
Function :	Transcription regulator that converts stress signals into a program of gene expression that empowers cells with resistance to the stress induced by a change in their microenvironment. Thereby participates in regulation of many process namely cell-cycle, apoptosis, autophagy and DNA repair responses . Controls cell cycle progression and protects cells from genotoxic stress induced by doxorubicin through the complex formation with TP53 and EP300 that binds CDKN1A promoter leading to transcriptional induction of CDKN1A . Protects pancreatic cancer cells from stress-induced cell death by binding the RELB promoter and activating its transcription, leading to IER3 transactivation . Negatively regulates apoptosis through interaction with PTMA . Inhibits autophagy-induced apoptosis in cardiac cells through FOXO3 interaction, inducing cytoplasmic translocation of FOXO3 thereby preventing the FOX
Subcellular Location :	Nucleus . Cytoplasm . Cytoplasm, perinuclear region .
Expression :	Widely expressed, with high levels in liver, pancreas, prostate, ovary, colon, thyroid, spinal cord, trachea and adrenal gland, moderate levels in heart, placenta, lung, skeletal muscle, kidney, testis, small intestine, stomach and lymph node, and low levels in brain, spleen, thymus and bone marrow. Not detected in peripheral blood leukocytes.
Sort :	999
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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