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Anti-Nucleolin Rabbit pAb (A73127)

Catalog No.: A73127

Basic Information

Catalog No. (Cat.No.)	A73127
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,ICC/IF,ELISA
Synonyms	Nucleolin,NCL,Nucl,Nucleolin,Protein C23

Product Information

Target	Nucleolin
Molecular Weight(Calculated)	77 kDa
Molecular Weight(Observed)	NA
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Polyclonal
Clone No.	NA
RRID	NA
Storage buffer	0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:2000
IHC	1:200-1:2000
ICC/IF	1:100-1:500
ELISA	1:5000-1:20000

Target Information

Protein Name	Nucleolin
Gene Name	*NCL*
Domain	NA
Background	Nucleolin (Nucleolin) is multifunctional nucleolar phosphoprotein family protein mediating rRNA transcription-processing, ribosome assembly and RNA-stability regulation. Predominantly nucleolar, nucleolin also distributes in nucleoplasm, cytoplasm and plasma membrane. It supports Pol-I-driven rDNA transcription, pre-rRNA maturation and ribosome biogenesis. Additional functions include mRNA stabilization, chromatin remodeling and cell-cycle control. Nucleolin is highly abundant in proliferating and tumor cells; cell-surface nucleolin participates in cell adhesion and tumor angiogenesis. Its phosphorylation profile fluctuates across cell cycle and modulates subcellular localization and molecular activities.