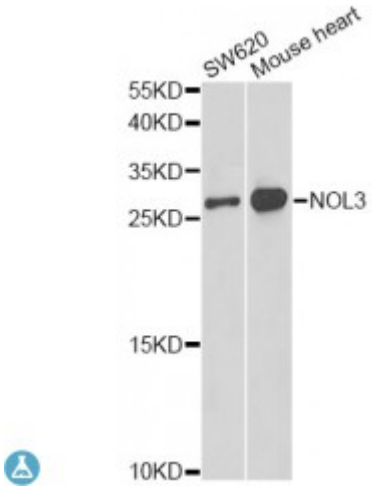
Anti-NOL3 Antibody



Description	This gene encodes an anti-apoptotic protein that has been shown to down-regulate the enzyme activities of caspase 2, caspase 8 and tumor protein p53. Multiple transcript variants encoding different isoforms have been found for this gene.

Model	STJ116017
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-208 of human NOL3 (NP_003937.1).
Gene ID	8996
Gene Symbol	NOL3
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
Tissue Specificity	Highly expressed in heart and skeletal muscle, Detected at low levels in placenta, liver, kidney and pancreas
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nucleolar protein 3 Apoptosis repressor with CARD Muscle-enriched cytoplasmic protein Myp Nucleolar protein of 30 kDa Nop30
Molecular Weight	22.629 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7869OMIM:605235
Alternative Names	Nucleolar protein 3 Apoptosis repressor with CARD Muscle-enriched cytoplasmic protein Myp Nucleolar protein of 30 kDa Nop30
Function	May be involved in RNA splicing,
Cellular Localization	Nucleus, nucleolus
Post-translational Modifications	Phosphorylation at Thr-149 is required for its antiapoptotic effect by blocking death-inducing signaling complex death-inducing signaling complex (DISC) activity through the control of interaction with CASP8, Phosphorylation at Thr-149 results in translocation to mitochondria and this translocation enables the binding to CASP8, Dephosphorylated at Thr-149 by calcineurin