



Myp Monoclonal Antibody

Catalog No	YP-mAb-00457
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NOL3
Immunogen	The antiserum was produced against synthesized peptide derived from human ARC. AA range:159-208
Specificity	Myp Monoclonal Antibody detects endogenous levels of Myp protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Nop30;NOP;Myp;Muscle-enriched cytoplasmic protein;CARD2;NOL3;Nucleolar protein 3;apoptosis repressor ARC;apoptosis repressor with CARD;apoptosis repressor with caspase recruitment domain (CARD);nucleolar protein of 30 kDa
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	[Isoform 1]: Nucleus, nucleolus . The SR-rich C-terminus mediates nuclear localization. .; [Isoform 3]: Cytoplasm .; [Isoform 2]: Cytoplasm . Mitochondrion . Sarcoplasmic reticulum . Membrane ; Lipid-anchor . Phosphorylation at Thr-149 results in translocation to mitochondria. Colocalized with mitochondria in response to oxidative stress. .
Tissue Specificity	Highly expressed in heart and skeletal muscle. Detected at low levels in placenta, liver, kidney and pancreas.
Function	
Background	NOL3 encodes an anti-apoptotic protein nucleolar protein 3 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 NOL3.

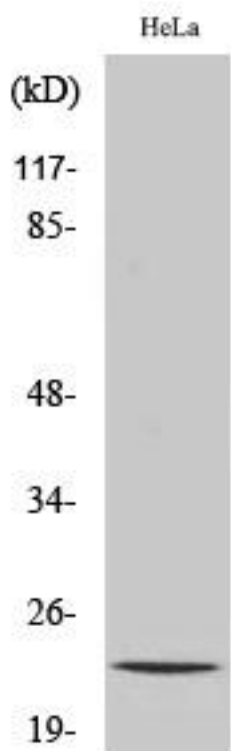
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Myp Monoclonal Antibody