



Myp Polyclonal Antibody

Catalog No	YP-Ab-00457
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	NOL3
Immunogen	The antiserum was produced against synthesized peptide derived from human ARC. AA range:159-208
Specificity	Myp Polyclonal Antibody detects endogenous levels of Myp protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
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.

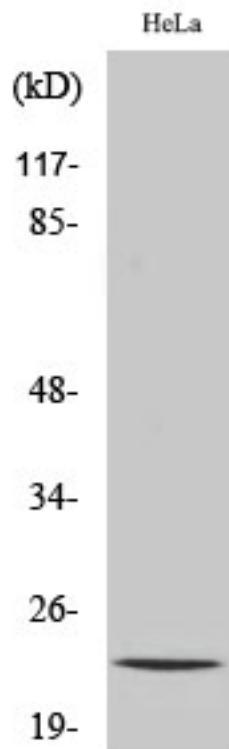
matters needing attention

Avoid repeated freezing and thawing!

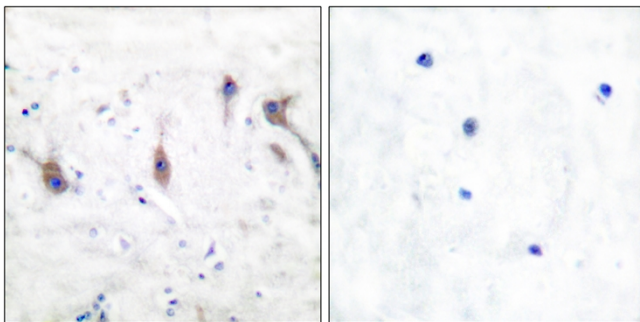
Usage suggestions

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

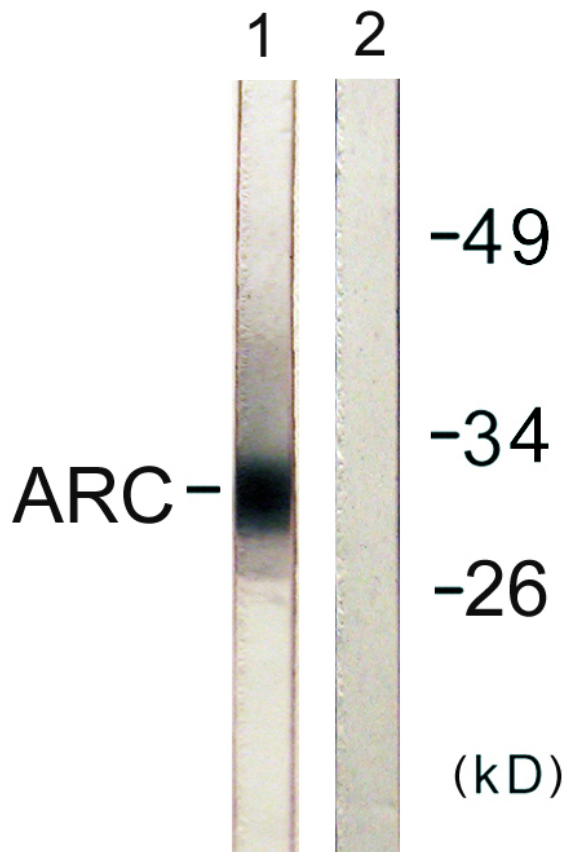
Products Images



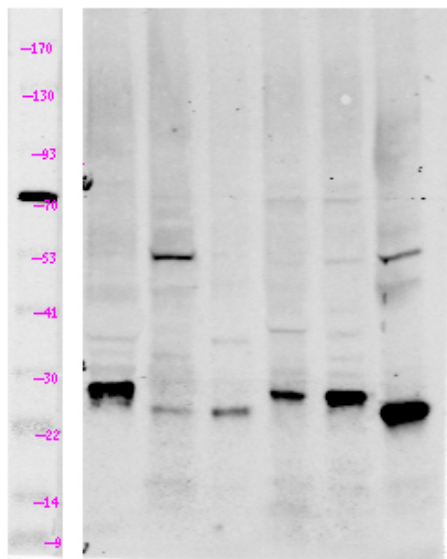
Western Blot analysis of various cells using Myp Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ARC Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using ARC Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of lane1 mouse-brain, lane2 mouse-kidney, lane3 Hela, lane4 MCF7, lane5 293T, lane6 mouse-muscle using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25°C, 1.5hours