

Rabbit anti-Human ARC Polyclonal Antibody | anti-NOL3 antibody

ARC Antibody

CATALOG # AAA40341	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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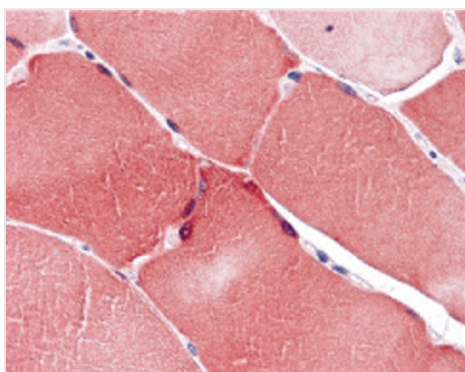
PRODUCT SYNONYMS

ARC; Polyclonal Antibody; ARC Antibody; FCM; MYP; NOP; NOP30; Nucleolar protein 3; Apoptosis repressor with CARD; Myp; nucleolar protein 3 (apoptosis repressor with CARD domain); anti-NOL3 antibody

PRODUCT SPECIFICATIONS

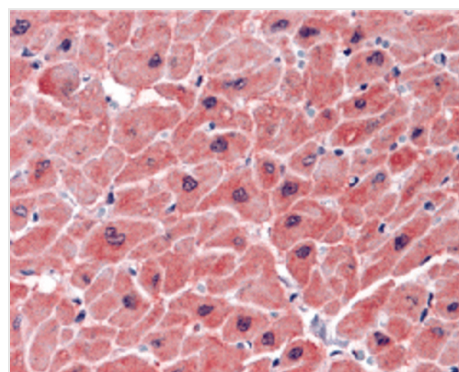
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ARC Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	208
Applicable Applications for anti-NOL3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ARC antibody was raised against an 18 amino acid peptide near the carboxy terminus of human ARC.
Buffer	ARC Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ARC antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



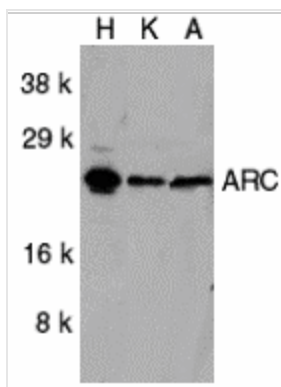
IHC (Immunohistochemistry)

Immunohistochemistry of ARC in human skeletal muscle with ARC antibody at 5 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of ARC in human heart tissue with ARC antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of ARC in (H) HeLa, (K) K562, and (A) A549 whole cell lysates with ARC antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NOL3 antibody

ARC Antibody: Apoptosis is regulated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD domain containing cell death regulators include RAIDD, Apaf-1, caspase-9, and caspase-2. A novel CARD domain containing protein was recently identified and designated ARC for apoptosis repressor with CARD. ARC interacts with caspase-2 and -8 and inhibits enzymatic activity of caspase-8. ARC suppresses apoptosis induced by cell death adapters FADD and TRADD and by cell death receptors Fas, TNFR-1 and DR3. The messenger RNA of ARC is primarily expressed in skeletal muscle and cardiac tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505419
NCBI GeneID	8996
NCBI Accession #	NP_003937
NCBI GenBank Nucleotide #	NM_003946.6
UniProt Accession #	O60936; O60937; B4DFLO
Molecular Weight	Predicted: 23 kDa Observed: 25 kDa
NCBI Official Full Name	nucleolar protein 3 isoform MYP
NCBI Official Synonym Full Names	nucleolar protein 3 (apoptosis repressor with CARD domain)
NCBI Official Symbol	NOL3
NCBI Official Synonym Symbols	ARC; FCM; MYP; NOP; NOP30
NCBI Protein Information	nucleolar protein 3; nucleolar protein of 30 kDa; muscle-enriched cytoplasmic protein
UniProt Protein Name	Nucleolar protein 3
UniProt Gene Name	NOL3
UniProt Synonym Gene Names	ARC; NOP; Myp; Nop30
UniProt Entry Name	NOL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/arc-antibody-immunohistochemistry-western-blot-elisa/40341>