

NOL3 / ARC Antibody (aa159-208)
Rabbit Polyclonal Antibody
Catalog # ALS14743**Specification**

NOL3 / ARC Antibody (aa159-208) - Product Information

Application	WB
Primary Accession	O60936
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24kDa KDa

NOL3 / ARC Antibody (aa159-208) - Additional Information**Gene ID** 8996**Other Names**

Nucleolar protein 3, Apoptosis repressor with CARD, Muscle-enriched cytoplasmic protein, Myp, Nucleolar protein of 30 kDa, Nop30, NOL3, ARC, NOP

Target/Specificity

ARC Antibody detects endogenous levels of total ARC protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

NOL3 / ARC Antibody (aa159-208) is for research use only and not for use in diagnostic or therapeutic procedures.

NOL3 / ARC Antibody (aa159-208) - Protein Information**Name** NOL3 ([HGNC:7869](#))**Function**

[Isoform 1]: May be involved in RNA splicing.

Cellular Location

[Isoform 1]: Nucleus, nucleolus. Note=The SR-rich C-terminus mediates nuclear localization.
[Isoform 2]: Cytoplasm. Mitochondrion {ECO:0000250|UniProtKB:Q62881}. Sarcoplasmic reticulum {ECO:0000250|UniProtKB:Q62881}. Membrane; Lipid-anchor. Note=Phosphorylation at Thr-149 results in translocation to mitochondria. Colocalized with mitochondria in response to oxidative stress. {ECO:0000250|UniProtKB:Q62881}

Tissue Location

Highly expressed in heart and skeletal muscle. Detected at low levels in placenta, liver, kidney and pancreas

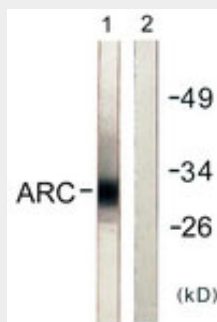
Volume
50 µl

NOL3 / ARC Antibody (aa159-208) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOL3 / ARC Antibody (aa159-208) - Images



Western blot of extracts from HeLa cells, using ARC Antibody.

NOL3 / ARC Antibody (aa159-208) - Background

Isoform 1 may be involved in RNA splicing.

NOL3 / ARC Antibody (aa159-208) - References

Koseki T., et al. Proc. Natl. Acad. Sci. U.S.A. 95:5156-5160(1998).
Stoss O., et al. J. Biol. Chem. 274:10951-10962(1999).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Martin J., et al. Nature 432:988-994(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.