

Anti-ARC NOL3 Antibody

Catalog Number: A03991

About NOL3

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.

Overview

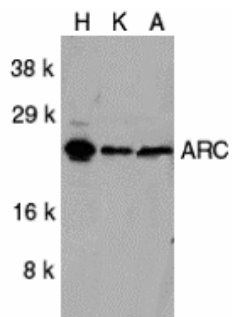
Product Name	Anti-ARC NOL3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-ARC NOL3 Antibody (Catalog # A03991). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	ARC Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ARC antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O60936

Technical Details

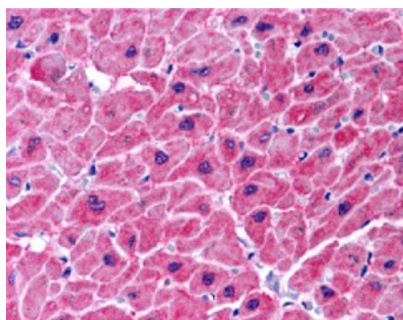
Immunogen	ARC antibody was raised against an 18 amino acid peptide near the carboxy terminus of human ARC. The immunogen is located within the last 50 amino acids of ARC.
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ARC Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ARC antibody can be used for detection of ARC by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples.
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

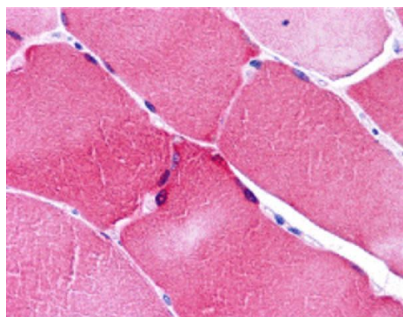
Anti-ARC NOL3 Antibody (A03991) Images



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



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



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

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Anti-ARC NOL3 Antibody

For Research Use Only. Not for use in diagnostic procedures.