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Datasheet for ABIN499327 anti-NOL3 antibody (C-Term)

2 Images



Overview

Quantity:	0.1 mg
Target:	NOL3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human ARC (C-Terminus) Peptide
Isotype:	lgG
Specificity:	ARC antibody was raised against a peptide corresponding to amino acids 191 to 208 of human origin.
Purification:	Affinity chromatography purified via peptide column
Target Details	
Target:	NOL3
Alternative Name:	NOL3 / ARC (NOL3 Products)

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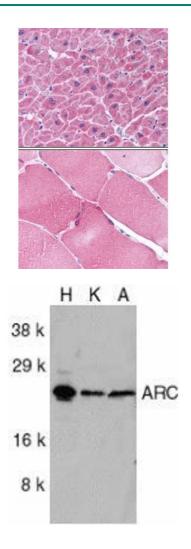
Target Details

l'alget Details	
Background:	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 (1). 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 (1).Synonyms: Apoptosis repressor with CARD, Muscle-enriched cytoplasmic
	protein, Myp, NOP, Nop30, Nucleolar protein 3, Nucleolar protein of 30 kDa
Gene ID:	8996
NCBI Accession:	NP_003937
UniProt:	060936
Application Details	
Application Notes:	ELISA. Western Blot: ARC antibody can be used for detection of ARC at 1/1000 dilution.
	Anapproximately 25 kDa band can be detected. Immunohistochemistry.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Storage Comment: Store the antibody undiluted at 2-8 °C.

4 °C

Storage:



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 1st Below: Immunohistochemistry of ARC in human heart tissue at 5 μ g/ml. 2nd Below: Immunohistochemistry of ARC in human skeletal muscle with AP30076PU-N ARC antibody at 5 μ g/ml.

Western Blotting

Image 2. Western blot analysis of ARC in HeLa (H), KB (K), and A549 (A) whole cell lysates with AP30076PU-N ARC antibody at 1/1000 dilution.

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