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Datasheet for ABIN872556  
**anti-NOL3 antibody (AA 1-100)**

### Overview

Quantity:	100 µL
Target:	NOL3
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOL3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Nucleolar protein 3/Apoptosis repressor with CARD
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	NOL3
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## Target Details

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Alternative Name: Nucleolar protein 3 ([NOL3 Products](#))

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Background: Synonyms: Apoptosis repressor with CARD, ARC, Muscle enriched cytoplasmic protein, MYC, Myp, NOP, Nop30, Nucleolar protein 3 apoptosis repressor with CARD domain, Nucleolar protein 3, Nucleolar protein of 30 kDa, NOL3\_MOUSE .

Background: Apoptosis is regulated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include RAIDD, RICK, BCL10, Apaf 1, caspase 9 and caspase 2. Apoptosis repressor with CARD is a CARD domain containing protein that interacts with caspase 2 and 8 to inhibit enzymatic activity of caspase 8. Apoptosis repressor with CARD suppresses apoptosis induced by cell death adapters FADD and TRADD and by cell death receptors Fas, TNFR 1, and DR3. The mRNA of Apoptosis repressor with CARD is primarily expressed in skeletal muscle and cardiac tissue. The nuclear isoform (1/Nop30) may be involved in RNA splicing and the cytoplasmic isoform (2/Myp) may inhibit apoptosis.

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Molecular Weight: 24kDa

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Gene ID: 8996

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## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months