



Rabbit Anti-Nucleolar protein 3 antibody

SL7080R

Product Name:	Nucleolar protein 3
Chinese Name:	核仁蛋白3抗体
Alias:	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 .
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	25kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse Nucleolar protein 3/Apoptosis repressor with CARD:1-100/220
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

May be involved in RNA splicing (By similarity).

Subunit:

Interacts with SFRS9/SRp30c, NPM1, CASP2, CASP8 and TFPT (By similarity).

Subcellular Location:

Cytoplasm and Nucleus > nucleolus.

Similarity:

Contains 1 CARD domain.

SWISS:

O60936

Gene ID:

78688

Database links:

[Entrez Gene: 8996](#) Human

[Entrez Gene: 78688](#) Mouse

[Entrez Gene: 85383](#) Rat

[Omim: 605235](#) Human

[SwissProt: O60936](#) Human

[SwissProt: Q9D1X0](#) Mouse

[SwissProt: Q62881](#) Rat

[Unigene: 513667](#) Human

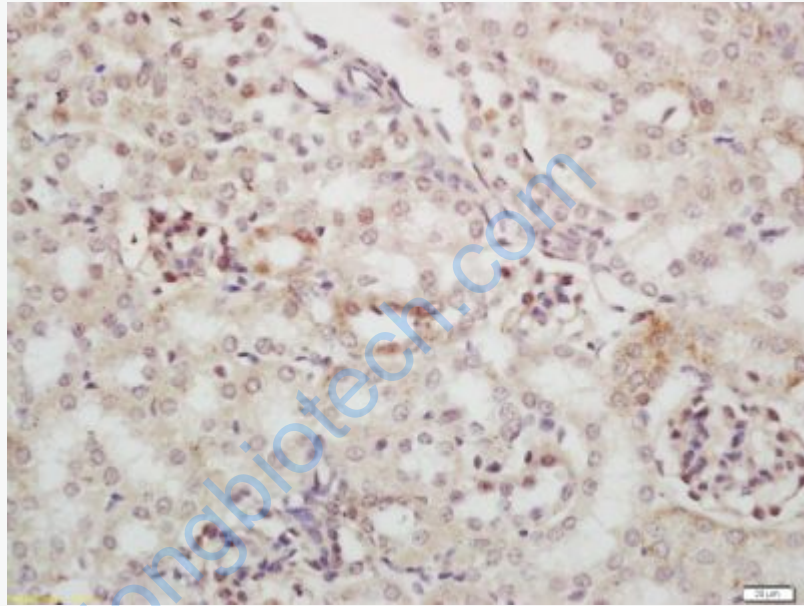
[Unigene: 204876](#) Mouse

[Unigene: 475715](#) Mouse

[Unigene: 86956](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Nucleolar protein 3 Polyclonal Antibody, Unconjugated(SL7080R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining