

Product datasheet for **TA306014**

Apoptosis repressor with CARD (NOL3) Rabbit Polyclonal Antibody

Product data:

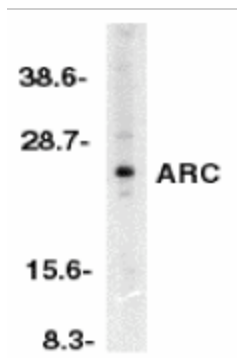
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ARC antibody was raised against a peptide corresponding to amino acids 2 to 18 of human origin. These sequences are identical to those of human nuclear protein Nop30 (2) and differ from those of the rat homolog of ARC by one amino acid (3).
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nucleolar protein 3
Database Link:	NP_003937 Entrez Gene 78688 Mouse Entrez Gene 85383 Rat Entrez Gene 8996 Human O60936
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. 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).



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Synonyms: ARC; FCM; MYP; NOP; NOP30

Product images:



Western blot analysis of ARC in HeLa whole cell lysates with ARC antibody at 1:500 dilution.