

Polyclonal Antibody to Human ARC (CT)

Alternate names:	Nop30
Catalog No.:	SP6270P
Quantity:	50 µg
Concentration:	0.5 mg/ml
Host:	Rabbit
Immunogen:	A peptide corresponding to amino acids 191 to 208 of human origin (1).

Format: This antibody is supplied as liquid immunoaffinity chromatography purified immunoglobulin fraction in Phosphate buffered saline with 0.02% sodium azide as preservative.

Applications: Suitable for western blot (1/1000, whole cell lysate from HeLa cells can be used as positive control and an approximately 25 kDa band can be detected). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: 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).
This antibody reacts with human ARC (CT).

Storage: Store the antibody undiluted at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.

General Readings: 1. Koseki T, Inohara N, Chen S, Núñez G. ARC, an inhibitor of apoptosis expressed in skeletal muscle and heart that interacts selectively with caspases. Proc Natl Acad Sci U S A. 1998 Apr 28;95(9):5156-60. PubMed PMID: 9560245.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com