

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-ARC (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2413

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

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 (apoptosis repressor with CARD). 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.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 191-208 of human ARC.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length ARC (25 kD).

APPLICATIONS

Immunoblotting: use at 1:1,000 dilution.

Positive control: Whole cell lysate of HeLa, KB, and A549 cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.