

Anti-ARC (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2413

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

BACKGROUND

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).

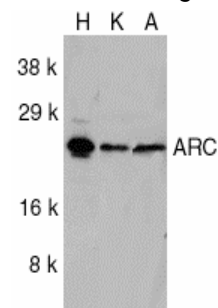
DILUTION INSTRUCTIONS

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

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

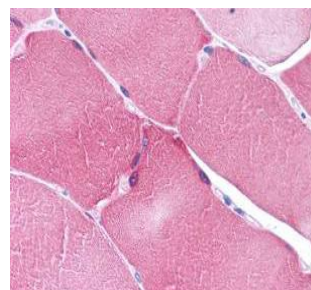
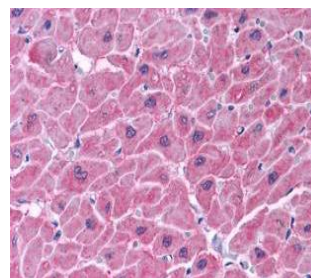
APPLICATIONS

Immunoblotting: use at 1-10ug/ml.



Western blot analysis of ARC in HeLa (H), KB (K), and A549 (A) whole cell lysates with ARC antibody at 1ug/ml.

Immunohistochemistry: use at 5ug/ml.



Immunohistochemistry of ARC in human heart tissue (A) and skeletal muscle (B) with ARC antibody at 5 μ g/ml.

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

STORAGE AND STABILITY

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