

Anti-ARC (NT) Antibody

ORDERING INFORMATION

Catalog No.: 2185

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 mRNA of ARC is primarily expressed in skeletal muscle and cardiac tissue.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 2-18 of human ARC.

Host Species: Rabbit

Stabilizers: None

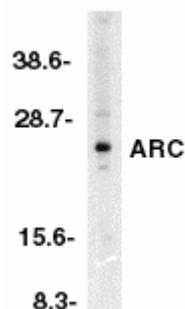
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat ARC (25 kD).

APPLICATIONS

Immunoblotting: use at 2ug/ml



Western blot analysis of ARC in HeLa cell lysate with ARC antibody at 2ug/ml dilution.

These are recommended concentrations.

Enduser should determine optimal concentrations for their application.

Positive control: Whole cell lysate of HeLa 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.