
anti-ARC

Cat #: HM1016
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

ARC (apoptosis repressor with a CARD) was identified as an inhibitor of apoptosis that interacts with caspases. ARC selectively binds to caspase-2 and caspase-8, but not to caspase-1, 3 or 9, and it inhibits caspase-8 induced apoptosis. The gene encoding ARC is alternatively spliced to generate Nop30, which contains a unique carboxy terminus that results in Nop30 localizing to the nucleus.

SPECIFICITY

This antibody reacts with ARC from human, rat and mouse origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Full length human ARC recombinant protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCE

1. Koseki T, Inohara N, Chen S, Nunez 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; 95(9):5156-60.
2. Stoss, O., Schwaiger, F.W., Cooper, T.A. and Stamm, S. Alternative splicing determines the intracellular localization of the novel nuclear protein Nop30 and its interaction with the splicing factor SRp30c. J. Biol. Chem. 274 (16), 10951-10962 (1999)

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