
Anti-RAIDD

Cat #: HM1305
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

RIP is a death domain-containing serine/threonine kinase which associates with FAS or the TNF-R1 binding protein TRADD. RAIDD (RIP associated ICH-1/Ced-3 homologous protein with a death domain) has been identified as a RIP binding protein that through its death domain, interacts with, and thus recruits, caspase 2/ICH1 to the cell death signal transduction complex that includes tumor necrosis factor receptor 1 (TNFR1A), RIPK1/RIP kinase, and numbers of other death domain-containing proteins. Therefore, RAIDD provides a link between activation of the TNF-Rs and the triggering of the cysteine protease cascade. The amino-terminal domain of RAIDD shares significant homology with the prodomain of ICH-1 and mediates the binding of RAIDD to this cysteine protease.

SPECIFICITY

This antibody specifically reacts with RAIDD of human, mouse and rat origin.

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

IMMUNOGEN

A synthetic peptide derived from N-terminus of human RAIDD protein.

STORAGE

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

REFERENCES

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2. Duan, H. and Dixit, V.M. 1997. RAIDD is a new 'death' adaptor molecule. *Nature* 385: 86-89.
3. Ahmad, M., Srinivasula, S.M., Wang, L., Talanian, R.V., Litwack, G., Fernandes-Alnemri, T. and Alnemri, E.S. (1997) CRADD, a novel human apoptotic adaptor molecule for caspase-2, and FasL/tumor necrosis factor receptor-interacting protein RIP. *Cancer Res.* 57, 615-619.
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5. Chou, J.J., Matsuo, H., Duan, H. and Wagner, G. (1998) Solution structure of the RAIDD CARD and model for CARD/CARD interaction in caspase-2 and caspase-9 recruitment. *Cell* 94, 171-180.

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