
Anti-RIP1

Cat #: HM1324
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

RIP1 (receptor interacting protein) belongs to a family of related kinases that also includes RIP2 (also known as CARDIAK/RICK), RIP3 and RIP4. They share significant similarity in their N-terminal kinase domains, but possess distinct C-termini. RIP1 has a death domain at its C-terminus, whereas RIP2 has a related caspase recruitment domain (CARD) motif. RIP associates with FAS via its death domain and is involved in NF kappa B activation.

SPECIFICITY

This antibody specifically reacts with RIP1 of human, mouse and rat origin.

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

Molecular Weight of RIP: 74 kDa

Western blotting positive controls: HeLa

IMMUNOGEN

Full length recombinant RIP1 protein of human origin.

STORAGE

This antibody is stable for 24 months when stored at 2-8°C.

REFERENCES+

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2. Hsu, H., Huang, J., Shu, H.B., Baichwal, V. and Goeddel, D.V. 1996. TNF-dependent recruitment of the protein kinase RIP to the TNF receptor-1 signaling complex. *Immunity* 4: 387-396.
3. Sun X, Lee J, Navas T, Baldwin DT, Stewart TA, Dixit VM. 1999. RIP3, a novel apoptosis-inducing kinase. *J Biol Chem.* 274:16871-5.
4. Meylan E, Martinon F, Thome M, Gschwendt M, Tschopp J. 2002. RIP4 (DIK/PKK), a novel member of the RIP kinase family, activates NF-kappa B and is processed during apoptosis. *EMBO Rep.* 3:1201-8.

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