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**anti-Ran BP-1**

Cat #: HM1412  
Goat polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Ran (ras-related nuclear protein) is a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The RAN protein is also involved in control of DNA synthesis and cell cycle progression. Ran/TC4-binding protein, RanBP1, interacts specifically with GTP-charged RAN. Ran BP1 does not activate GTPase activity of RAN but does markedly increase GTP hydrolysis by the RanGTPase-activating protein (RanGAP1).

**SPECIFICITY**

This antibody reacts with Ran BP-1 of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Molecular weight of Ran BP-1: 22 kDa.

Western blotting positive control: A-431 cells.

**IMMUNOGEN**

A full-length recombinant human Ran BP-1 protein.

**STORAGE**

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

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