

**Anti-RanBPM (human) antibody, rabbit serum**

71-001      50 µl      71--002      250 µl

RanBPM (RanBP9) was identified as a protein that interact with small GTP-binding protein Ran and forms a 670 kD multiprotein complex. The protein consists of 729 amino acids and is identified by western blotting as an apparent molecular mass of 95 kD (see below). It is involved in nucleation of microtubule and control of cell growth by interacting with many protein factors.

This antiserum was raised by immunizing a recombinant fusion protein containing the region of RanBPM from Phe133 to Tyr 229.

**Application :**

1. Western blotting (~x 2,000 dilution)
2. Immunoprecipitation
3. Indirect immuno-staining of RanBPM in cell

**Specifications**

State: Undiluted antiserum added with 0.09% sodium azide

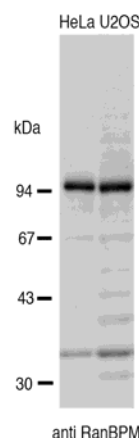
Reactivity: human RanBPM. Although not tested, it is likely to react with other mammalian homologs because of high sequence homology of the antigen.

Storage : 4

**References:** This product has been used for the following references

1. Nishitani H et al. Gene 272: 571 (2001)
2. Umeda M et al. Gene 303:47 (2003)

Fig. Western blotting of crude extracts of HeLa and U2OS cells with the anti-BPM serum



**Related product:** Expression plasmid of GFP-RanBPM cDNA is available upon request. #71-001-1 pEGFP-C2-RanBPM