

# RAN Polyclonal Antibody

Catalog Number:D-AB-10329L



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

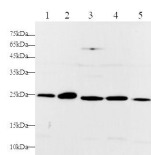
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Human RAN RNF84 Protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,50% glycerol pH 7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot with RAN Polyclonal Antibody at dilution of 1:1000.lane 1:Hela whole cell lysate,lane 2:NIH/3T3 whole cell lysate,lane 3:HepG2 whole cell lysate,lane 4:Jurkat whole cell lysate,lane 5:PC-12 whole cell lysate

**Observed Mw:24 kDa**  
**Calculated Mw:24 kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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. Nuclear localization of RAN requires the presence of regulator of chromosome condensation 1 (RCC1). Mutations in RAN disrupt DNA synthesis.

## For Research Use Only

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