

## RAN Recombinant antibody

**Cat:**B36188S

**Company:** HaoKebio

**Uniprot ID:**P62826

**Applications:** IHC:1:250-1:1000

**Organism:**Rabbit

IHC-Polymer:1:1000-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1200-1:5000

**Molecular Weight Calculation:** 25 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 24 kDa

WB:1:1000-1:5000

FC:1:200-1:600

### Background:

RAN is also named as ARA24, Ras-like protein TC4 and GTPase Ran, and belongs to the small GTPase superfamily family and the Ran family. GTPase Ran switches between a cytoplasmic GDP- and a nuclear GTP-bound state by nucleotide exchange and GTP hydrolysis (PMID:7819259, PMID:32528950). RAN (GTP-bound form) triggers microtubule assembly at mitotic chromosomes and is required for normal mitotic spindle assembly and chromosome segregation.

### Synonyms:

ARA24, 230317F3, Androgen receptor-associated protein 24, EC:3.6.5.-, GTP binding nuclear protein Ran

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

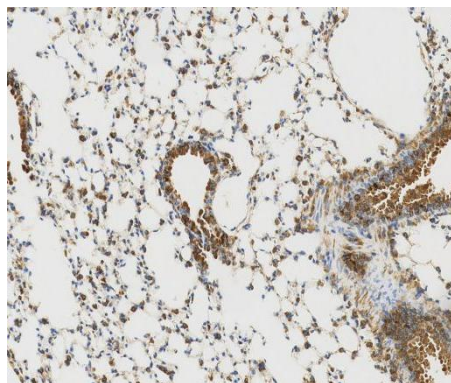
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse lung, 4% PFA 12-24h

### Source of Reagents:

发表[中文论文]请标注:RAN(B36188S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:RAN(B36188S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.