

For Research Use Only

# RAN Polyclonal antibody

Catalog Number: 10469-1-AP

Featured Product

13 Publications



## Basic Information

**Catalog Number:**

10469-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0748

**GenBank Accession Number:**

BC004272

**GeneID (NCBI):**

5901

**UNIPROT ID:**

P62826

**Full Name:**

RAN, member RAS oncogene family

**Calculated MW:**

25 kDa

**Observed MW:**

24 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse, Macrobrachium Rosenbergi

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HEK-293 cells, A375 cells, rat kidney tissue, NIH/3T3 cells, mouse kidney tissue, HeLa cells, Jurkat cells

**IP:** mouse kidney tissue,

**IHC:** human breast cancer tissue, human testis tissue, rat kidney tissue

**IF:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mingxiao Ning	28935600	Fish Shellfish Immunol	WB
Huaping Cui	34601496	Cell Death Dis	WB
Tianyu Wu	36395215	Science	IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

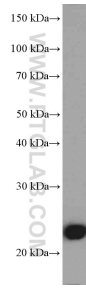
T: 4006900926

E: Proteintech-CN@ptglab.com

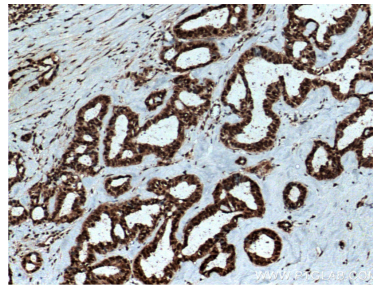
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

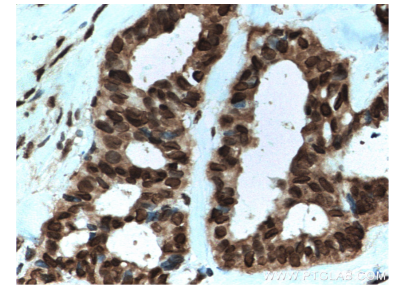
## Selected Validation Data



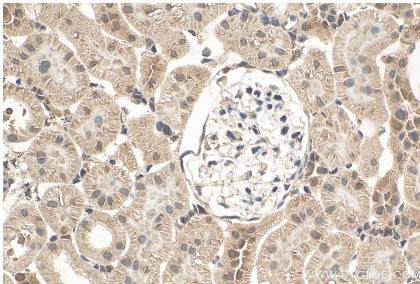
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10469-1-AP (RAN Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



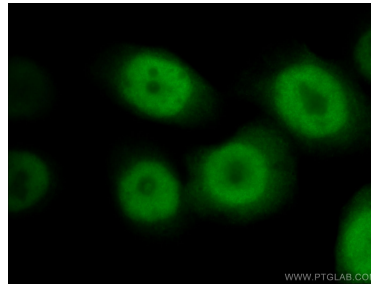
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10469-1-AP (RAN antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



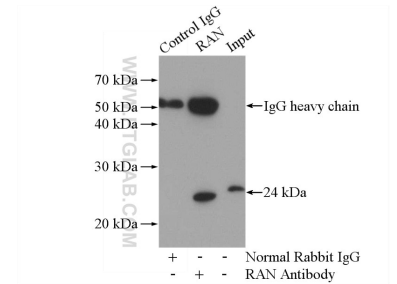
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10469-1-AP (RAN antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



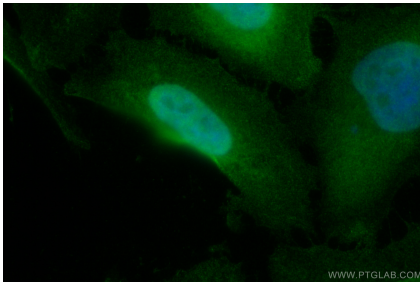
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 10469-1-AP (RAN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 10469-1-AP (RAN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-RAN (IP:10469-1-AP, 4ug; Detection:10469-1-AP 1:1000) with mouse kidney tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RAN antibody (10469-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).