

# Product Datasheet

## Ran Antibody NBP1-68870

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-68870**

Ran Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

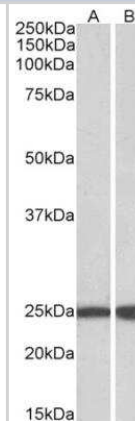
Product Description	
Host	Goat
Gene ID	5901
Gene Symbol	RAN
Species	Human, Mouse, Rat
Immunogen	Peptide with sequence C-YEHDLEVAQTTALP corresponding to C-Terminus according to NP_006316.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 1 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 25 kDa band observed in human, mouse and rat testis lysates (calculated MW of 24.4 kDa band according to NP_006316.1).

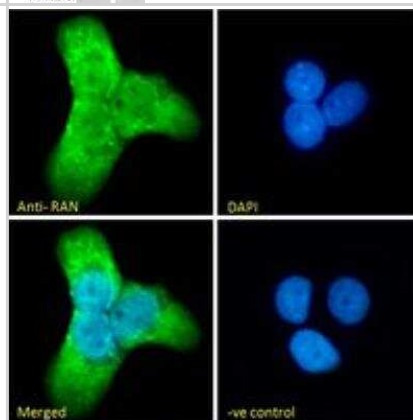


## Images

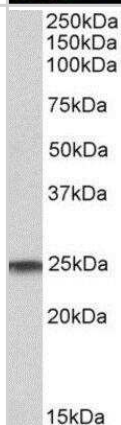
Western Blot: Ran Antibody [NBP1-68870] - Staining of Mouse (A) and Rat (B) Testis lysate with antibody at 0.1 ug/mL (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: Ran Antibody [NBP1-68870] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Western Blot: Ran Antibody [NBP1-68870] - Staining of Human Testis lysate with antibody at 1 ug/mL (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Ly TK, Wang J, Pereira R et al. Activation of the Ran GTPase is subject to growth factor regulation and can give rise to cellular transformation. J Biol Chem 2010-02-01 [PMID: 20028979]



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### **Products Related to NBP1-68870**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-45255-0.05mg	Recombinant Human Ran His Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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