

RAN Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the N terminus amino acids AAQGEPQVQFKLV.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2253487

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-

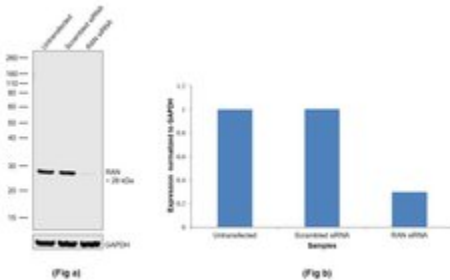
Product Specific Information

This antibody is predicted to react with bovine, canine and rat based on sequence homology.

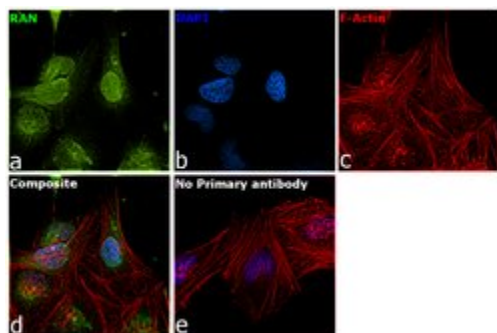
Advanced Verification Data

RAN Antibody (PA1-9092)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with RAN siRNA and decrease in signal intensity was observed in western blot application using Anti-RAN Polyclonal Antibody (Product # PA1-9092). Knockdown validation info.

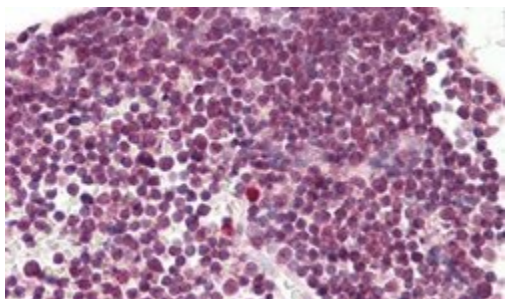


Product Images For RAN Polyclonal Antibody



RAN Antibody (PA1-9092) in ICC/IF

Immunofluorescence analysis of RAN was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with RAN Polyclonal Antibody (Product # PA1-9092) at 5 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then with Rabbit anti-Goat IgG (H+L), Superclonal™ Recombinant Secondary Antibody, Alexa Fluor 488 conjugate (Product # A27012) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing staining in nucleus and cytoplasm. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



RAN Antibody (PA1-9092) in IHC

Immunohistochemical analysis of RAN in Human Thymus using a RAN monoclonal antibody (Product #PA1-9092) at 3.75 µg/mL. The Human Thymus tissue section was paraffin embedded and detected using steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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