

NUP62 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat, Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 230 and 490 (P37198) of Nucleoporin p62
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11152760

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Immunoprecipitation (IP)	1:100-1:500	-
Western Blot (WB)	1:1000-1:10,000	-

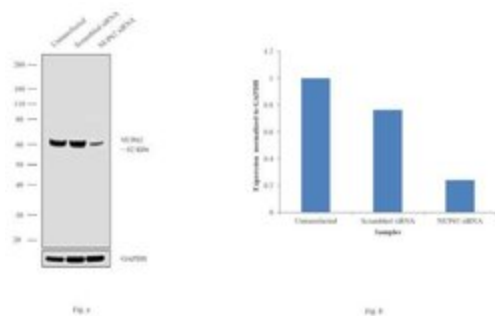
Product Specific Information

Recommended positive controls: HepG2, NIH-3T3, JC, BCL-1, C2C12, PC-12.

Predicted reactivity: Mouse (88%), Rat (88%), Rhesus Monkey (99%), Bovine (91%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

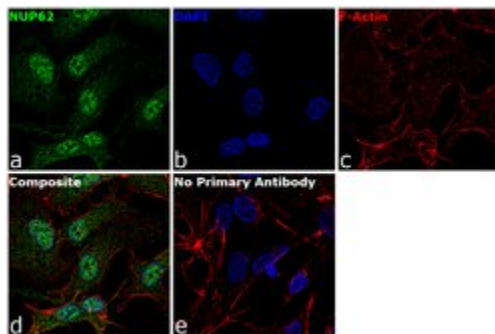
Advanced Verification Data



NUP62 Antibody (PA5-21882)

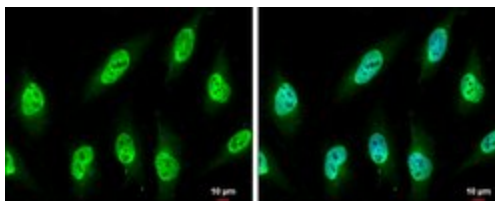
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK293 cells were transfected with NUP62 siRNA and reduction of signal was observed in Western Blot using NUP62 Polyclonal Antibody (Product # PA5-21882). Knockdown validation info.

Product Images For NUP62 Polyclonal Antibody



NUP62 Antibody (PA5-21882) in IF

Immunofluorescence analysis of NUP62 was performed using 70% confluent log phase HepG2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with NUP62 Rabbit Polyclonal Antibody (Product # PA5-21882) at 5 microgram/ml in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Nucleus and cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



NUP62 Antibody (PA5-21882) in ICC

Immunocytochemistry-Immunofluorescence analysis of NUP62 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: NUP62 Polyclonal Antibody (Product # PA5-21882) diluted at 1:750. Blue: Hoechst 33342 staining. Scale bar = 10 µm.

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