

KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1020**Specification****KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	O75694
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 155 kDa , observed, 155 kDa kDa
Gene Name	NUP155
Aliases	NUP155; Nucleoporin 155; KIAA0791; N155; Nuclear Pore Complex Protein Nup155; 155 kDa Nucleoporin; Nucleoporin 155kDa; Nucleoporin Nup155; Nucleoporin 155kD; ATFB15
Immunogen	A synthesized peptide derived from human NUP155

KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody - Additional Information

Gene ID	9631
Other Names	
Nuclear pore complex protein Nup155, 155 kDa nucleoporin, Nucleoporin Nup155, NUP155, KIAA0791	

KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody - Protein Information**Name** NUP155**Synonyms** KIAA0791**Function**

Essential component of nuclear pore complex. Could be essential for embryogenesis. Nucleoporins may be involved both in binding and translocating proteins during nucleocytoplasmic transport.

Cellular Location

Nucleus, nuclear pore complex {ECO:0000250|UniProtKB:P37199}. Nucleus membrane {ECO:0000250|UniProtKB:P37199}; Peripheral membrane protein {ECO:0000250|UniProtKB:P37199}; Cytoplasmic side {ECO:0000250|UniProtKB:P37199}. Nucleus membrane {ECO:0000250|UniProtKB:P37199}; Peripheral membrane protein {ECO:0000250|UniProtKB:P37199}; Nucleoplasmic side {ECO:0000250|UniProtKB:P37199}. Note=In mitosis, assumes a diffuse cytoplasmic distribution probably as a monomer, before reversing back into a punctate nuclear surface localization at the end of mitosis

{ECO:0000250|UniProtKB:P37199}

Tissue Location

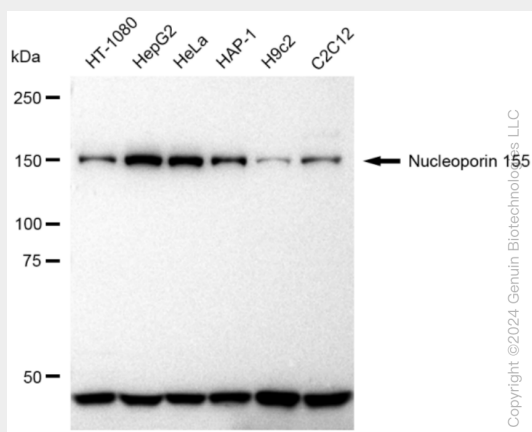
Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody - Protocols

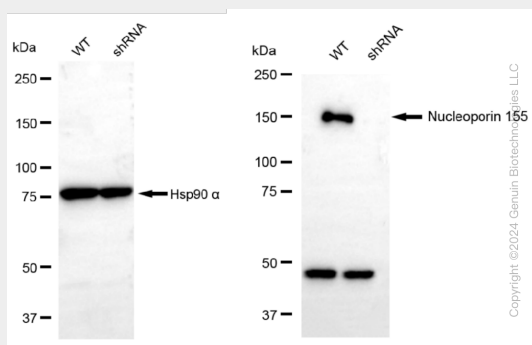
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-Nucleoporin 155 Rabbit Monoclonal Antibody - Images

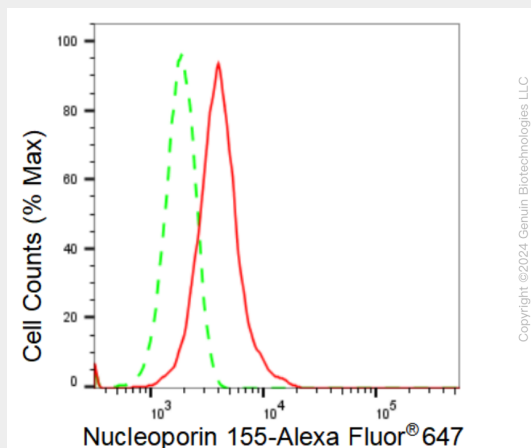


Western blotting analysis using anti-Nucleoporin 155 antibody (Cat#AGI1020). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Nucleoporin 155 antibody (Cat#AGI1020, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

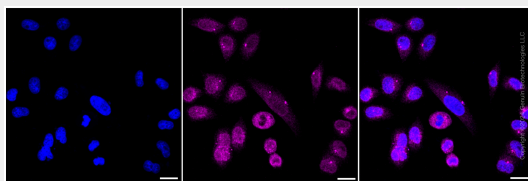


Western blotting analysis using anti-Nucleoporin 155 antibody (Cat#AGI1020). Nucleoporin 155 expression in wild type (WT) and nucleoporin 155 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with

anti-Nucleoporin 155 antibody (Cat#AGI1020, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Nucleoporin 155 expression in HepG2 cells using Nucleoporin 155 antibody (Cat#AGI1020, 1:2,000). Green, isotype control; red, Nucleoporin 155.



Immunocytochemical staining of HepG2 cells with Nucleoporin 155 antibody (Cat#AGI1020, 1:1,000). Nuclei were stained blue with DAPI; Nucleoporin 155 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.