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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 essessential 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}

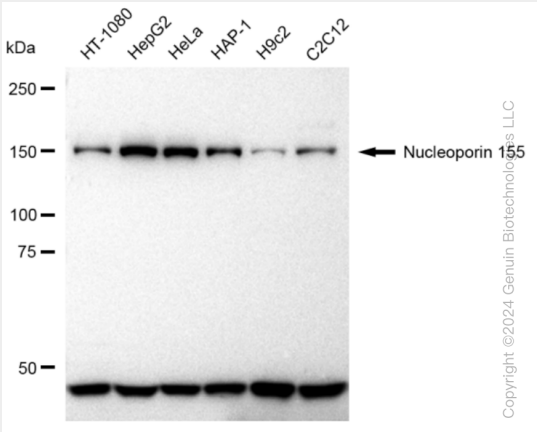
Tissue Location
Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

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

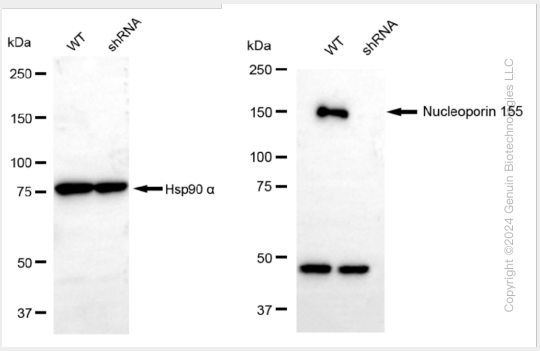
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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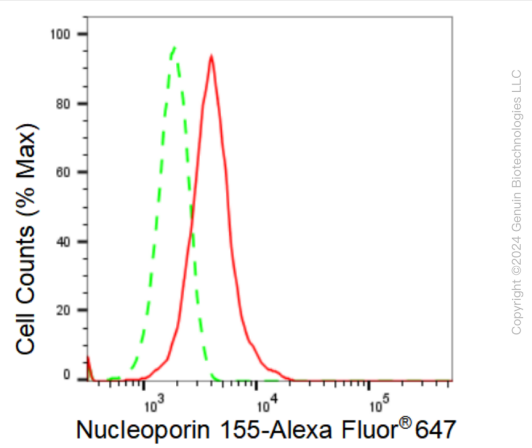
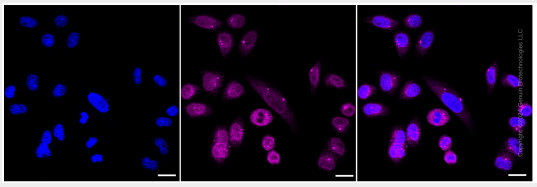
anti-Nucleoporin 155 antibody (Cat#AGI1020, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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.