

Product Name: KD-Validated Nucleoporin 155 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01804

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 155.2kDa

Antigen Information

Gene Name	NUP155
Alternative Names	NUP155; Nucleoporin 155; KIAA0791; N155; Nuclear Pore Complex Protein Nup155; 155 KDa Nucleoporin; Nucleoporin 155kDa; Nucleoporin Nup155; Nucleoporin 155kD; ATRB15
Gene ID	9631.0
SwissProt ID	O75694
Immunogen	A synthesized peptide derived from human NUP155

Background

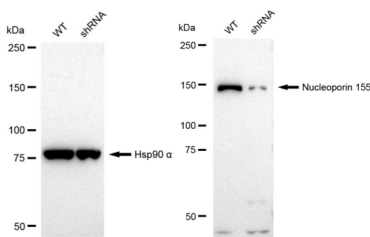
Nucleoporins are proteins that play an important role in the assembly and functioning of the nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology

and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6. [provided by RefSeq, May 2013]

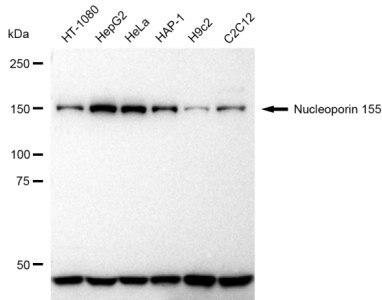
Research Area

Tags & Cell Markers, Signal Transduction

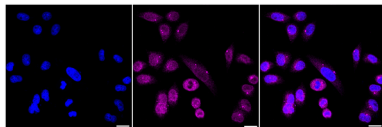
Image Data



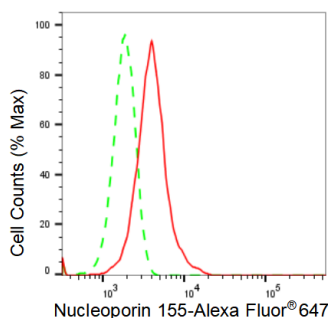
Western blotting analysis using nucleoporin 155 antibody (KVA01804). Nucleoporin 155 expression in wild type (WT) and nucleoporin 155 (NUP155) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with nucleoporin 155 antibody (KVA01804, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Nucleoporin 155 antibody (KVA01804). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Nucleoporin 155 antibody (KVA01804, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Nucleoporin 155 antibody (KVA01804, 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.



Flow cytometric analysis of Nucleoporin 155 expression in HepG2 cells using Nucleoporin 155 antibody (KVA01804, 1:2,000). Green, isotype control; red, Nucleoporin 155.