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NUP210 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9962a

Specification

NUP210 Antibody (N-term) - Product Information

Application	**WB, IHC-P-Leica, FC,E**
Primary Accession	Q8TEM1
Other Accession	P11654, Q9QY81
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**205111**
Antigen Region	**202-231**

NUP210 Antibody (N-term) - Additional Information

Gene ID 23225

Other Names
Nuclear pore membrane glycoprotein 210, Nuclear pore protein gp210, Nuclear envelope pore membrane protein POM 210, POM210, Nucleoporin Nup210, Pore membrane protein of 210 kDa, NUP210, KIAA0906

Target/Specificity
This NUP210 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 202-231 amino acids from the N-terminal region of human NUP210.

Dilution
WB~~1:2000
IHC-P-Leica~~1:500
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NUP210 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NUP210 Antibody (N-term) - Protein Information

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Name NUP210

Synonyms KIAA0906

Function Nucleoporin essential for nuclear pore assembly and fusion, nuclear pore spacing, as well as structural integrity.

Cellular Location
Nucleus, nuclear pore complex. Nucleus membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein

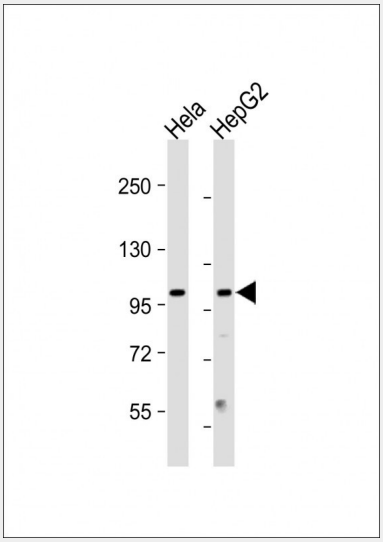
Tissue Location
Ubiquitous expression, with highest levels in lung, liver, pancreas, testis, and ovary, intermediate levels in brain, kidney, and spleen, and lowest levels in heart and skeletal muscle

NUP210 Antibody (N-term) - 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

NUP210 Antibody (N-term) - Images



All lanes : Anti-NUP210 Antibody (N-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 205 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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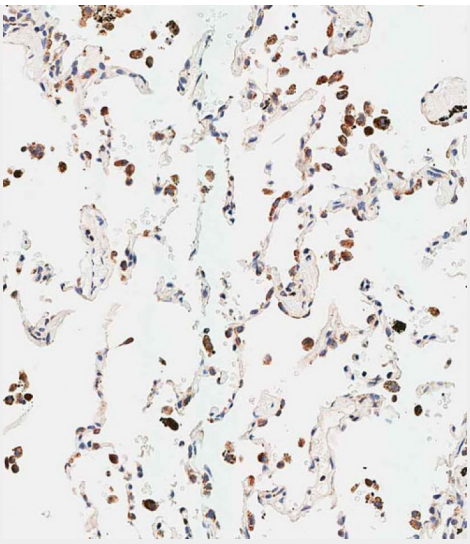
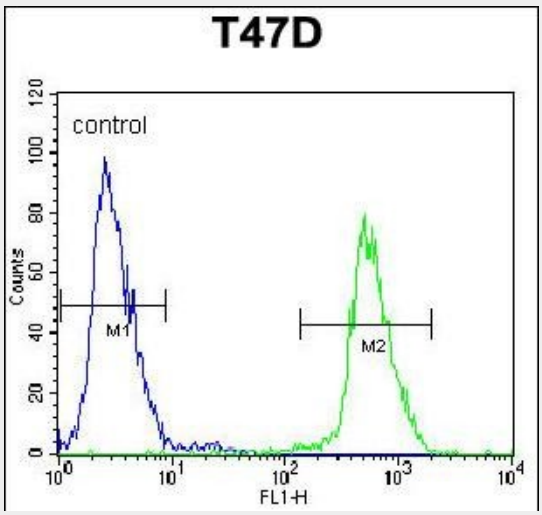


Immunohistochemical analysis of paraffin-embedded human lung tissue using AP9962a performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



NUP210 Antibody (N-term) (Cat. #AP9962a) flow cytometric analysis of T47D cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

NUP210 Antibody (N-term) - Background

NUP210 nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a membrane-spanning glycoprotein that is a major component of the nuclear pore complex.

NUP210 Antibody (N-term) - References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Olsen, J.V., et al. Cell 127(3):635-648(2006)

Stavru, F., et al. J. Cell Biol. 173(4):477-483(2006)