

Rabbit anti-Human, Rat NUP107 Polyclonal Antibody | anti-NUP107 antibody

NUP107 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39910	Rabbit	Human, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NUP107; Polyclonal Antibody; NUP107 Antibody; NUP84; Nuclear pore complex protein Nup107; 107 kDa nucleoporin; nucleoporin 107kDa; anti-NUP107 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NUP107 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	925
Applicable Applications for anti-NUP107 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NUP107 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human NUP107.
Buffer	NUP107 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NUP107 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



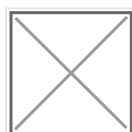
IF (Immunofluorescence)

Immunofluorescence of NUP107 in A549 cells with NUP107 antibody at 10 &#956;g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of NUP107 in A549 cells with NUP107 antibody at 2.5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of NUP107 in A549 cell lysate with NUP107 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP107 antibody	NUP107 Antibody: The nuclear pore complex (NPC) is a protein assembly localized at the nuclear rim and mediates macromolecular transport between the nucleus and the cytoplasm. The mammalian nucleoporin (NUP)-107 is part of the hetero-oligomeric complex that also contains NUP160, NUP133, NUP96, and mammalian homolog of yeast sec13p. While the majority of the NUP107-160 nuclear pore sub-complex localizes to the nuclear pore, a small fraction is observed at kinetochores and pro-metaphase spindle poles in mitotic cells in association with proteins such as Mad1, Mad2, Bub3 and Cdc20. Immunodepletion of the NUP107-160 complex resulted in defective spindle assembly indicating that it has multiple functions. NUP107 has recently been identified as an HIV dependency factor (HDF), suggesting that NUP107 may be an important drug target in HIV treatment. Multiple isoforms of NUP107 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12230339
NCBI GeneID	57122
UniProt Accession #	P57740; Q6PJE1; B4DZ67
Molecular Weight	79,971 Da
NCBI Official Full Name	Nuclear pore complex protein Nup107
NCBI Official Synonym Full Names	nucleoporin 107kDa
NCBI Official Symbol	NUP107
NCBI Official Synonym Symbols	NUP84
NCBI Protein Information	nuclear pore complex protein Nup107; nucleoporin Nup107; 107 kDa nucleoporin
UniProt Protein Name	Nuclear pore complex protein Nup107
UniProt Gene Name	NUP107
UniProt Entry Name	NU107_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nup107-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39910>