Rabbit NUP107 Polyclonal Antibody | anti-NUP107 antibody

NUP107 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308278	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Western Blot, ELISA**

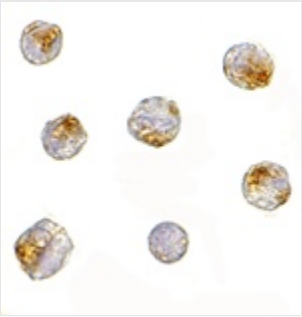
PRODUCT SYNONYMS

NUP107; Polyclonal Antibody; NUP107 Antibody; Nucleoporin 107; nuclear pore complex protein 107; anti-NUP107 antibody

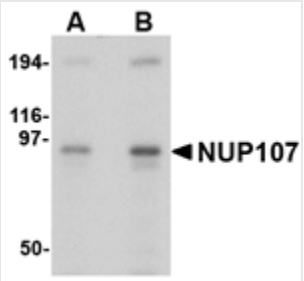
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	925
Applicable Applications for anti-NUP107 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 20 amino acid peptide from near the center of human NUP107.
Target Name	NUP107
Preparation and Storage	Can be stored at -20 degree C, stable for 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



ICC (Immunocytochemistry)
Immunocytochemistry of NUP107 in A549 cells with NUP107 antibody at 10 ug/mL.



WB (Western Blot)
Western blot analysis of NUP107 in A549 cell lysate with NUP107 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-NUP107 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9966881
NCBI GeneID	57122
NCBI Accession #	NP_065134.1
NCBI GenBank Nucleotide #	NM_020401.2
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
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://www.aaabiotech.com/polyclonal/nup107-antibody-immunocytochemistry-western-blot-elisa/308278