Rabbit anti-Mouse NUP107 Polyclonal Antibody | anti-NUP107 antibody

NUP107 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284213	**Rabbit**	**Mouse**	**Immunohistochemistry, ELISA, Western Blot**

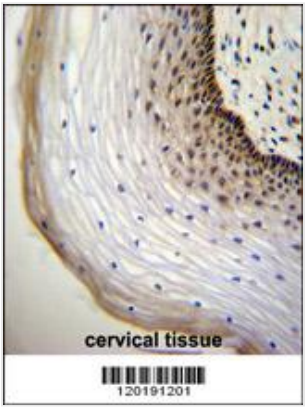
PRODUCT SYNONYMS

NUP107; Polyclonal Antibody; NUP107 Antibody (Center); Nuclear pore complex protein Nup107; 107 kDa nucleoporin; Nucleoporin Nup107; anti-NUP107 antibody

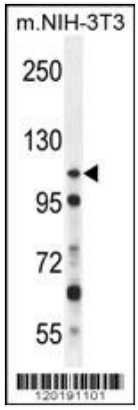
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NUP107 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 398-425 amino acids from the Central region of human NUP107.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.27 (varies by lot)
Sequence Positions	398-425
Sequence Length	925
Applicable Applications for anti-NUP107 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NUP107 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervical tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NUP107 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
NUP107 Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the NUP107 antibody detected the NUP107 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NUP107 antibody	This gene encodes a member of the nucleoporin family. The protein is localized to the nuclear rim and is an essential component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
Product Categories/Family for anti-NUP107 antibody	Signal Transduction
References	Kim, S.Y., et al. Biochem. Biophys. Res. Commun. 401(1):131-136(2010) Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010) Mishra, R.K., et al. Nat. Cell Biol. 12(2):164-169(2010) Platani, M., et al. Mol. Biol. Cell 20(24):5260-5275(2009) Whittle, J.R., et al. J. Biol. Chem. 284(41):28442-28452(2009)

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	106374
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-immunohistochemistry-western-blot-elisa/284213