NU107 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NU107, Polyclonal Antibody
Full Product Name	NU107 Polyclonal Antibody
Product Gene Name	anti-NU107 antibody
Product Synonym Names	Nuclear pore complex protein Nup107; 107 kDa nucleoporin; Nucleoporin Nup107; NUP107
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	101
OMIM	233300
3D Structure	ModBase 3D Structure for P57740
Immunogen	Synthesized peptide derived from human protein. at AA range: 600-680
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NU107 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NU107 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-NU107 antibody	MBS8530323 is an antibody targeting NU107. Also known as NU107 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-NU107 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NU107. It may not necessarily be applicable to this product.

NCBI GI #	1056849713
NCBI GeneID	57122
NCBI Accession #	NP_001317121.1
UniProt Primary Accession #	P57740
UniProt Secondary Accession #	Q6PJE1; B4DZ67
UniProt Related Accession #	P57740
GenBank Nucleotide #	NM_001330192.1

NCBI Official Full Name	nuclear pore complex protein Nup107 isoform 2
NCBI Official Synonym Full Names	nucleoporin 107
NCBI Official Symbol	NUP107
NCBI Official Synonym Symbols	NUP84; NPHS11
UniProt Protein Name	Nuclear pore complex protein Nup107
UniProt Synonym Protein Names	107 kDa nucleoporin; Nucleoporin Nup107
UniProt Gene Name	NUP107
NCBI Protein Information	nuclear pore complex protein Nup107
NCBI Summary for NU107	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. [provided by RefSeq, Jul 2008]
UniProt Comments for NU107	Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance (PubMed:12552102, PubMed:15229283). Required for the assembly of peripheral proteins into the NPC (PubMed:15229283, PubMed:12552102). May anchor NUP62 to the NPC (PubMed:15229283).
Research Articles on NU107	**1.** NUP107 was suggested as a candidate in a family with nephrotic syndrome and developmental delay.
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