NUP107 Antibody

PRODUCT OVERVIEW

Product Name	NUP107, Antibody
Full Product Name	NUP107 Antibody
Product Gene Name	anti-NUP107 antibody
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	NUP107 Antibody detects endogenous levels of total NUP107
Preparation and Storage	Store at-20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	79,971 Da
OMIM	233300
3D Structure	ModBase 3D Structure for P57740
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NUP107 antibody	Western Blot (WB)
Application Notes for anti-NUP107 antibody	WB: 1:500-1:1000
Related Product Information for anti-NUP107 antibody	MBS8514955 is an antibody targeting NUP107. Also known as NUP107 Antibody. Reactive in Human, Mouse, Rat.
Other Notes	Small volumes of anti-NUP107 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 NUP107. 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
Protein Family	Nuclear pore complex protein
UniProt Gene Name	NUP107
NCBI Protein Information	nuclear pore complex protein Nup107
NCBI Summary for NUP107	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 NUP107	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 NUP107	**1.** NUP107 was suggested as a candidate in a family with nephrotic syndrome and developmental delay.
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