NUP160 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	NUP160, Blocking Peptide
Full Product Name	NUP160 Antibody (Center) Blocking peptide
Product Gene Name	NUP160 blocking peptide
Product Synonym Gene Name	KIAA0197; NUP120
Product Synonym Names	Nuclear pore complex protein Nup160; 160 kDa nucleoporin; Nucleoporin Nup160; NUP160; KIAA0197; NUP120
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	NUP160 peptide (MBS9218631) is used for blocking the activity of NUP160 antibody (MBS9212040)
Molecular Weight	55,554 Da
OMIM	607614
Cellular Location	Nucleus, nuclear pore complex
Related Product Information for NUP160 blocking peptide	MBS9218631 is a blocking peptide targeting NUP160. Also known as NUP160 Antibody (Center) Blocking peptide. Involved in poly(A)+ RNA transport.
Other Notes	Small volumes of NUP160 blocking peptide 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 NUP160. It may not necessarily be applicable to this product.

NCBI GI #	238054372
NCBI GeneID	23279
NCBI Accession #	Q12769.3
UniProt Primary Accession #	Q12769
UniProt Secondary Accession #	Q08AD3; Q7Z5X6; Q96GB3; Q9H660; B4DYE8; B4E2J9
UniProt Related Accession #	Q12769
NCBI Official Full Name	Nuclear pore complex protein Nup160
NCBI Official Synonym Full Names	nucleoporin 160
NCBI Official Symbol	NUP160
UniProt Protein Name	Nuclear pore complex protein Nup160
UniProt Synonym Protein Names	160 kDa nucleoporin; Nucleoporin Nup160
Protein Family	Nuclear pore complex protein
UniProt Gene Name	NUP160
UniProt Synonym Gene Names	KIAA0197; NUP120

UniProt Entry Name	NU160_HUMAN
NCBI Protein Information	nuclear pore complex protein Nup160
NCBI Summary for NUP160	NUP160 is 1 of up to 60 proteins that make up the 120-MD nuclear pore complex, which mediates nucleoplasmic transport.[supplied by OMIM, Apr 2004]
UniProt Comments for NUP160	NUP160: Involved in poly(A)+ RNA transport. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleoporin Chromosomal Location of Human Ortholog: 11p11.2 Cellular Component: cytosol; kinetochore; nuclear envelope; nuclear pore Molecular Function: nucleocytoplasmic transporter activity; protein binding Biological Process: mitotic nuclear envelope disassembly; mRNA export from nucleus; protein sumoylation; RNA-mediated gene silencing; sister chromatid cohesion; tRNA export from nucleus; viral reproduction; viral transcription
Research Articles on NUP160	**1.** Nup107-160 complex and its partner Elys dynamically colocalize with Nup98 and CRM1 into endogenous GLFG bodies present in specific HeLa sublines.
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