NUP160 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NUP160, Polyclonal Antibody
Full Product Name	NUP160 Antibody
Product Gene Name	anti-NUP160 antibody
Product Synonym Names	Nuclear pore complex protein Nup160; 160 kDa nucleoporin; Nucleoporin Nup160; NUP160; KIAA0197; NUP120
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	162,121 Da
Chromosome Location	Chromosome: 11; NC_000011.9 (47799670..47870057, complement). Location: 11p11.2
OMIM	607614
3D Structure	ModBase 3D Structure for Q12769
Applications Tested/Suitable for anti-NUP160 antibody	Western Blot (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), ELISA (EIA)
Related Product Information for anti-NUP160 antibody	MBS9232752 is an antibody targeting NUP160. Also known as NUP160 Antibody. Reactive in Human, Mouse. Host: Rabbit. Involved in poly (A)+ RNA transport.
Product References and Citations for anti-NUP160 antibody	Ota T., et al.Nat. Genet. 36:40-45 (2004).Taylor T.D., et al.Nature 440:497-500 (2006).Nagase T., et al.DNA Res. 3:17-24 (1996).Belgareh N., et al.J. Cell Biol. 154:1147-1160 (2001).Vasu S., et al.J. Cell Biol. 155:339-354 (2001).
Other Notes	Small volumes of anti-NUP160 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 NUP160. It may not necessarily be applicable to this product.

NCBI GI #	54859722
NCBI GeneID	23279
NCBI Accession #	NP_056046.1
UniProt Primary Accession #	Q12769
UniProt Secondary Accession #	Q08AD3; Q7Z5X6; Q96GB3; Q9H660; B4DYE8; B4E2J9
UniProt Related Accession #	Q12769
GenBank Nucleotide #	NM_015231.1
NCBI Official Full Name	nuclear pore complex protein Nup160

NCBI Official Synonym Full Names	nucleoporin 160kDa
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; nucleoporin Nup160; 160 kDa nucleoporin
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: kinetochore; nuclear envelope; nuclear pore; cytosol Molecular Function: protein binding; nucleocytoplasmic transporter activity Biological Process: viral reproduction; cytokine and chemokine mediated signaling pathway; mitotic nuclear envelope disassembly; pathogenesis; viral infectious cycle; glucose transport; mRNA export from nucleus; protein transport; hexose transport; carbohydrate metabolic process; viral transcription; gene expression; mitotic cell cycle; transmembrane transport
Research Articles on NUP160	**1.** The SUMO-specific isopeptidase SENP2 associates dynamically with nuclear pore complexes through interactions with karyopherins and the Nup107-160 nucleoporin subcomplex.
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