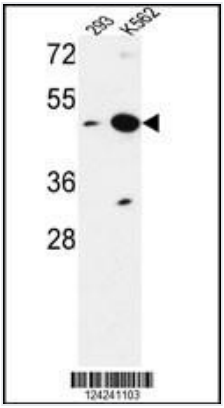
NUPL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NUPL2, Polyclonal Antibody
Full Product Name	NUPL2, NT (NUPL2, CG1, Nucleoporin-like protein 2, NLP-1, NUP42 homolog, Nucleoporin hCG1)
Product Gene Name	anti-NUPL2 antibody
Product Synonym Names	Anti -NUPL2, NT (NUPL2, CG1, Nucleoporin-like protein 2, NLP-1, NUP42 homolog, Nucleoporin hCG1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	44,872 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (23221446..23240630). Location: 7p15
3D Structure	ModBase 3D Structure for O15504
Immunogen	NUPL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94~124 amino acids from the N-terminal region of human NUPL2.
Product Categories/Family for anti-NUPL2 antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-NUPL2 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-NUPL2 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-NUPL2 antibody	Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm. In case of infection by HIV-1, it may participate in the docking of viral Vpr at the nuclear envelope.
Other Notes	Small volumes of anti-NUPL2 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.
Searchable Terms for NUPL2 purchase	MBS6008194 is an antibody targeting NUPL2. Also known as NUPL2, NT (NUPL2, CG1, Nucleoporin-like protein 2, NLP-1, NUP42 homolog, Nucleoporin hCG1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NUPL2 antibody
NUPL2 Antibody (N-term) western blot analysis in 293,K562 cell line lysates (35ug/lane).This demonstrates the NUPL2 antibody detected the NUPL2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NUPL2. It may not necessarily be applicable to this product.

NCBI GI #	71296916
NCBI GeneID	11097
NCBI Accession #	AAH39333.1
UniProt Primary Accession #	O15504
UniProt Secondary Accession #	Q49AE7; Q9BS49; A4D143; B4DP42
UniProt Related Accession #	O15504
NCBI Official Full Name	NUPL2 protein
NCBI Official Synonym Full Names	nucleoporin like 2
NCBI Official Symbol	NUPL2
NCBI Official Synonym Symbols	CG1; hCG1; NLP-1; NLP_1
UniProt Protein Name	Nucleoporin-like protein 2
UniProt Synonym Protein Names	NLP-1; NUP42 homolog; Nucleoporin hCG1
Protein Family	Nucleoporin-like protein
UniProt Gene Name	NUPL2
UniProt Synonym Gene Names	CG1
UniProt Entry Name	NUPL2_HUMAN
NCBI Protein Information	nucleoporin-like protein 2; H_RG271G13.9; NUP42 homolog; nucleoporin hCG1; nucleoporin-like protein 1

UniProt Comments for NUPL2	NUPL2: Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm. In case of infection by HIV-1, it may participate in the docking of viral Vpr at the nuclear envelope. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleoporin Chromosomal Location of Human Ortholog: 7p15 Cellular Component: nucleoplasm; nuclear membrane; cytoplasm; nuclear pore; nucleus; cytosol Molecular Function: metal ion binding; nuclear export signal receptor activity Biological Process: mRNA transport; viral reproduction; hexose transport; cytokine and chemokine mediated signaling pathway; carbohydrate metabolic process; mitotic nuclear envelope disassembly; viral transcription; gene expression; pathogenesis; mitotic cell cycle; glucose transport; protein export from nucleus; viral infectious cycle; transmembrane transport
Research Articles on NUPL2	**1.** NLP1 functions as an accessory factor in CRM1-dependent nuclear protein export
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