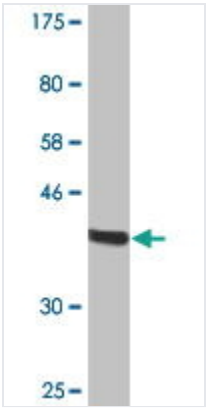
NAP1L1 Antibody – Mouse Monoclonal

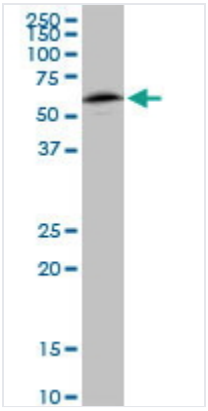
PRODUCT OVERVIEW

Product Name	NAP1L1, Monoclonal Antibody
Full Product Name	NAP1L1 (Nucleosome Assembly Protein 1-like 1, NAP-1-related Protein, hNRP, NRP) (FITC)
Product Gene Name	anti-NAP1L1 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2A9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NAP1L1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be r buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing
Molecular Weight	47.2 kDa (408aa), confirmed by MALDI-TOF
OMIM	164060
3D Structure	ModBase 3D Structure for P55209
Immunogen	Partial recombinant corresponding to aa1-110 from human NAP1L1 (NP_004528) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MADIDNKEQSELDQDLDDVEEVEEEETGEETKLKARQLTVQMMQNPQILAALQERLDGLVETPTGYIESLPRVVKRRVNALKNLQVKCAQIEAKFYEEVHI
Conjugate	FITC
Product Categories/Family for anti-NAP1L1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-NAP1L1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-NAP1L1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NAP1L1 antibody	NAP1L1 is a member of the nucleosome assembly protein (NAP) family. This protein participates in DNA replication and may play a role in modulating formation and contribute to the regulation of cell proliferation.

Other Notes	Small volumes of anti-NAP1L1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece 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 may apply.
Searchable Terms for NAP1L1 purchase	MBS6148392 is an antibody targeting NAP1L1. Also known as NAP1L1 (Nucleosome Assembly Protein 1-like 1, NAP-1-related Protein, hNRP, NRP) (Reactive in Human. Host: Mouse.



Western Blot (WB) of anti-NAP1L1 antibody
Western Blot detection against Immunogen (37.84kD).



Western Blot (WB) of anti-NAP1L1 antibody
NAP1L1 monoclonal antibody Western Blot analysis of NAP1L1 expression in HeLa.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NAP1L1. It may not necessarily be applicable to this product.

NCBI GI #	4758756
NCBI GeneID	4673
NCBI Accession #	NP_004528
UniProt Primary Accession #	P55209
UniProt Secondary Accession #	B3KNT8; B3KV44
UniProt Related Accession #	P55209
GenBank Nucleotide #	NM_004537
NCBI Official Full Name	nucleosome assembly protein 1-like 1 isoform 1
NCBI Official Synonym Full Names	nucleosome assembly protein 1 like 1
NCBI Official Symbol	NAP1L1
NCBI Official Synonym Symbols	NRP; NAP1; NAP1L
UniProt Protein Name	Nucleosome assembly protein 1-like 1
UniProt Synonym Protein Names	NAP-1-related protein
Protein Family	Nucleosome assembly protein
UniProt Gene Name	NAP1L1
UniProt Synonym Gene Names	NRP; hNRP
UniProt Entry Name	NP1L1_HUMAN
NCBI Protein Information	nucleosome assembly protein 1-like 1

NCBI Summary for NAP1L1	This gene encodes a member of the nucleosome assembly protein (NAP) family. This protein participates in DNA replication and may play a role in modulating chromatin formation and contribute to the regulation of cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms; however, not all have been fully described. [provided by RefSeq, Apr 2015]
UniProt Comments for NAP1L1	NAP1L1: May be involved in modulating chromatin formation and contribute to regulation of cell proliferation. Belongs to the nucleosome assembly protein (NAP) family. Protein type: DNA replication Chromosomal Location of Human Ortholog: 12q21.2 Cellular Component: membrane; melanosome; nucleus Molecular Function: protein binding Biological Process: nucleosome assembly; positive regulation of cell proliferation; DNA replication
Research Articles on NAP1L1	**1.** knockdown of NAP1L1 suppresses IkappaBalpha degradation and nuclear transport of p65 subunit after treatment with TNF-a stimulation, leading to attenuation of the NF-kappaB transcriptional activity, whereas NAP1L4 knockdown remains silent.results of this study suggest that NAP1L1 downregulation renders the cell vulnerable to apoptotic cell death through attenuation of NF-kappaB transcriptional activity on the anti-apop...
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/nap1l1/6148392