

Rabbit NAP1L1 Polyclonal Antibody | anti-NAP1L1 antibody

NAP1L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326820	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

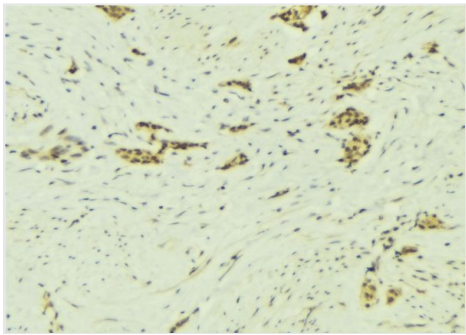
PRODUCT SYNONYMS

NAP1L1; Polyclonal Antibody; NAP1L1 Antibody; FLJ16112; hNRP; HSP22 like protein interacting protein; MGC23410; MGC8688; NAP 1; NAP 1 related protein; NAP 1L; NAP-1-related protein; NAP1; NAP1 L1; NAP1 related protein; NAP1L; Nap1l1; NAP1L1 protein; NP1L1_HUMAN; NRP; Nucleosome assembly protein 1 like 1; Nucleosome assembly protein 1-like 1; Nucleosome assembly protein I-related protein; anti-NAP1L1 antibody

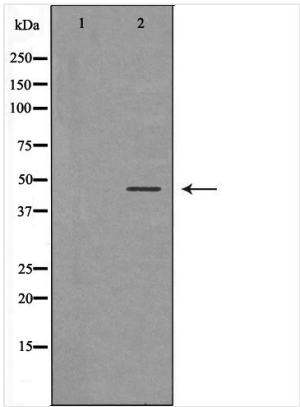
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NAP1L1 antibody detects endogenous levels of total NAP1L1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	383
Applicable Applications for anti-NAP1L1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NAP1L1
Subcellular Location	Nucleus. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Bovine, Horse, Rabbit, Dog, Chicken
Similarity	Bovine (100%), Horse (92%), Rabbit (100%), Dog (92%), Chicken (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA326820 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse thymus tissue lysate, using NAP1L1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NAP1L1 antibody	Description: 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 of this gene results in several transcript variants; however, not all have been fully described. Function: May be involved in modulating chromatin formation and contribute to regulation of cell proliferation. Post-translational Modifications: Monoglycylated on glutamate residues. Cannot be polyglycylated due to the absence of functional TTL10 in human (By similarity). Polyglutamylated by TTL4 on glutamate residues, resulting in polyglutamate chains on the gamma-carboxyl group. Both polyglutamylation and monoglycylation modifications can coexist on the same protein on adjacent residues, and lowering polyglycylation levels increases polyglutamylatation, and reciprocally. Similarity: The acidic domains are probably involved in the interaction with histones. Belongs to the nucleosome assembly protein (NAP) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	808154268
NCBI GeneID	4673
NCBI Accession #	NP_001294853.1
NCBI GenBank Nucleotide #	NM_001307924.2
UniProt Accession #	P55209; B3KNT8; B3KV44
Molecular Weight	Observed: 45 kDa Predicted: 46 kDa
NCBI Official Full Name	nucleosome assembly protein 1-like 1 isoform 2
NCBI Official Synonym Full Names	nucleosome assembly protein 1 like 1
NCBI Official Symbol	NAP1L1
NCBI Official Synonym Symbols	NRP; NAP1; NAP1L
NCBI Protein Information	nucleosome assembly protein 1-like 1
UniProt Protein Name	Nucleosome assembly protein 1-like 1
UniProt Gene Name	NAP1L1
UniProt Synonym Gene Names	NRP; hNRP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nap1l1-antibody-immunohistochemistry-western-blot-elisa/326820>