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Rabbit Anti-NAP1L1 antibody

SL1052R

Product Name:	NAP1L1
Chinese Name:	核小体组装蛋白1抗体
Alias:	NAP1L; FLJ16112; hNRP; HSP22 like protein interacting protein; MGC23410; MGC8688; NAP 1; NAP 1 related protein; NAP 1L; NAP-1 related protein; NAP-1-related protein; NAP1; NAP1 L1; NAP1 related protein; Nap1l1; NAP1L1 protein; NP1L1_HUMAN; NRP; Nucleosome assembly protein 1 like 1; Nucleosome assembly protein 1-like 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NAP1L1:101-200/391
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. The binding of sequence-

specific DNA binding proteins to human nucleosome assembly protein 1 may be an important step contributing to the activation of transcription. May be involved in modulating chromatin formation and contribute to regulation of cell proliferation.

Function:
May be involved in modulating chromatin formation and contribute to regulation of cell proliferation.

Subcellular Location:
Nucleus. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Tissue Specificity:
Ubiquitously expressed.

Post-translational modifications:
Polyglutamylated by TTLL4, a modification that occurs exclusively on glutamate residues and results in polyglutamate chains on the gamma-carboxyl group. Some residues may also be monoglycylated but not polyglycylated due to the absence of functional TTLL10 in human.

Similarity:
Belongs to the nucleosome assembly protein (NAP) family.

SWISS:
P55209

Gene ID:
4673

Database links:

Entrez Gene: 4673Human

Entrez Gene: 53605Mouse

Entrez Gene: 89825Rat

Omim: 164060Human

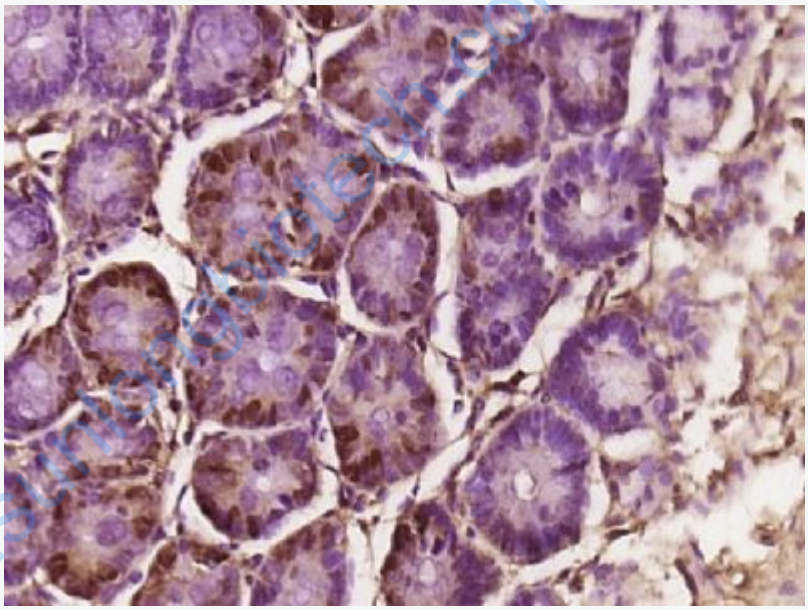
SwissProt: P55209Human

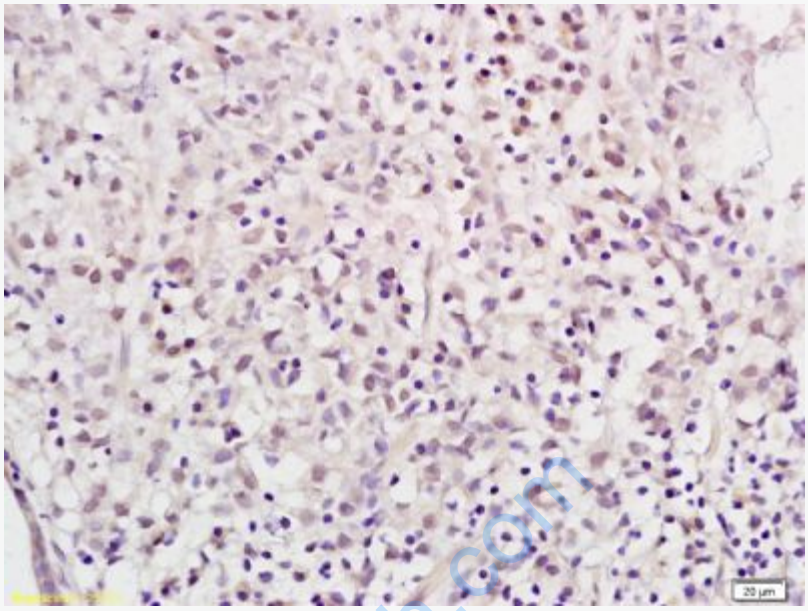
SwissProt: P28656Mouse

SwissProt: Q9Z2G8Rat

Unigene: 524599Human

Unigene: 695185Human

	Unigene: 290407Mouse Unigene: 162938Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 核小体组装蛋白1(NAP-1) 作为核心组蛋白的分子伴蛋白,在进化过程中是相当保守的.它通过帮助核心组蛋白沉积到DNA上来促进核小体的组装.而大量研究表明,酵母和动物中的NAP类似蛋白除了具有核小体组装能力以外,还有其它多种功能
Picture:	 Paraformaldehyde-fixed, paraffin embedded (Rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NAP1L1) Polyclonal Antibody, Unconjugated (SL1052R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-NAP1L1 Polyclonal Antibody, Unconjugated(SL1052R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining