

Nap1l4 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14280**Specification**

Nap1l4 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q78ZA7
Other Accession	NM_008672 , NP_032698
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

Nap1l4 Antibody - N-terminal region - Additional Information**Gene ID** 17955**Alias Symbol** 2810410H14Rik, AI316776, D7Wsu30e, Nap2**Other Names**

Nucleosome assembly protein 1-like 4, Nap1l4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Nap1l4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Nap1l4 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Nap1l4 Antibody - N-terminal region - Protein Information**Name** Nap1l4**Function**

Acts as a histone chaperone in nucleosome assembly (PubMed:28366643). In condensing spermatids, mediates the loading of the heterodimer composed of histones H2AB1 and H2BC1/TH2B onto the nucleosomes, thereby promoting the replacement of histones to protamine in male germ cells (PubMed:28366643).

Cellular Location

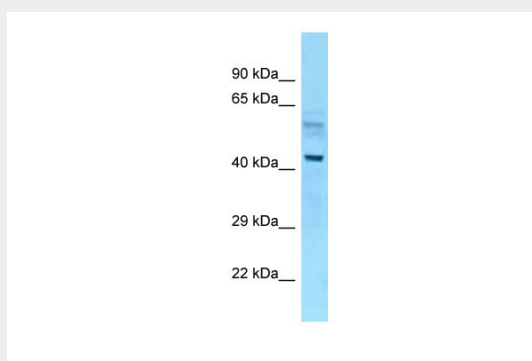
Nucleus {ECO:0000250|UniProtKB:Q99733}. Cytoplasm {ECO:0000250|UniProtKB:Q99733}.

Note=Present in the cytoplasm and excluded from the nucleus during G0/G1 phase, then relocates to the nucleus by the time cells are in S phase. Phosphorylated form localizes in the cytoplasm during the G0/G1 transition, whereas dephosphorylation leads to relocalization into the nucleus at the G1/S-boundary {ECO:0000250|UniProtKB:Q99733}

Nap1l4 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nap1l4 Antibody - N-terminal region - Images

WB Suggested Anti-Nap1l4 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

Nap1l4 Antibody - N-terminal region - References

Paulsen M., et al. Hum. Mol. Genet. 7:1149-1159(1998).
Engemann S., et al. Hum. Mol. Genet. 9:2691-2706(2000).
van Dijk J., et al. Mol. Cell 26:437-448(2007).
Villen J., et al. Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007).
Sweet S.M., et al. Mol. Cell. Proteomics 8:904-912(2009).