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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).

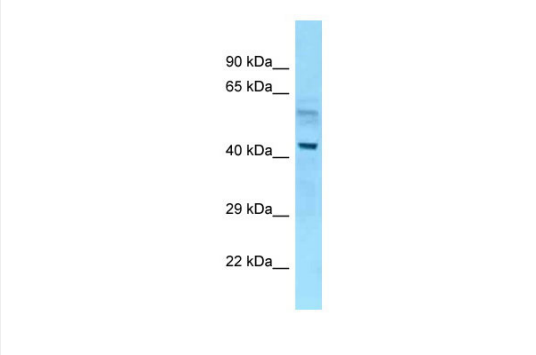
Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q99733}. Cytoplasm {ECO:0000250|UniProtKB:Q99733}. Note=Present in the cytoplasm and excluded from the nucleus during G0/G1 phase, then relocates to the nucleus by the time cells are in S phase. Phosphorylated form localizes in the cytoplasm during the 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 Cytomety
- 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).
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