

MNS1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58761**Specification**

MNS1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8NEH6
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60571

MNS1 Polyclonal Antibody - Additional Information**Gene ID** 55329**Other Names**

Meiosis-specific nuclear structural protein 1, MNS1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

MNS1 Polyclonal Antibody - Protein Information**Name** MNS1 ([HGNC:29636](#))**Function**

Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:36191189). May play a role in the control of meiotic division and germ cell differentiation through regulation of pairing and recombination during meiosis. Required for sperm flagella assembly (By similarity). May play a role in the assembly and function of the outer dynein arm-docking complex (ODA-DC). ODA-DC mediates outer dynein arms (ODA) binding onto the axonemal doublet microtubules (PubMed:30148830).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q61884}. Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme. Note=Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme. {ECO:0000250|UniProtKB:Q2KIQ2}

Tissue Location

Expressed in nasal respiratory epithelium and in the sperm.

MNS1 Polyclonal Antibody - 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](#)

MNS1 Polyclonal Antibody - Images