

DYNC1I2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13349**Specification**

DYNC1I2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q13409
Other Accession	NM_001378 , NP_001369
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71kDa KDa

DYNC1I2 antibody - N-terminal region - Additional Information**Gene ID** 1781**Alias Symbol** DNCI2, FLJ21089, FLJ90842, IC2, MGC104199, MGC111094, MGC9324**Other Names**

Cytoplasmic dynein 1 intermediate chain 2, Cytoplasmic dynein intermediate chain 2, Dynein intermediate chain 2, cytosolic, DH IC-2, DYNC1I2, DNCI2, DNCIC2

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-DYNC1I2 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

DYNC1I2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

DYNC1I2 antibody - N-terminal region - Protein Information**Name** DYNC1I2 ([HGNC:2964](#))**Synonyms** DNCI2, DNCIC2**Function**

Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function (PubMed:

target="_blank">31079899). Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules (PubMed:31079899). The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCTN1 (By similarity). Involved in membrane-transport, such as Golgi apparatus, late endosomes and lysosomes (By similarity).

Cellular Location

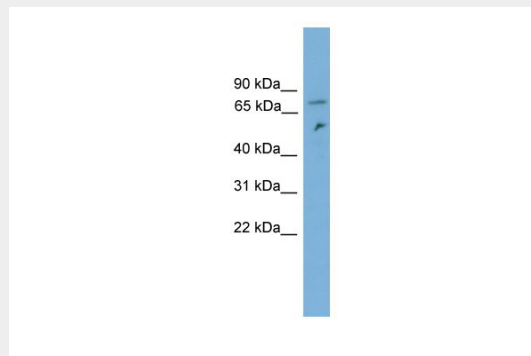
Cytoplasm, cytoskeleton. Cytoplasm {ECO:0000250|UniProtKB:O88487}. Note=Detected in the cytoplasm of pachytene spermatocytes. Localizes to the manchette in elongating spermatids. {ECO:0000250|UniProtKB:O88487}

DYNC1I2 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](#)

DYNC1I2 antibody - N-terminal region - Images



WB Suggested Anti-DYNC1I2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

DYNC1I2 antibody - N-terminal region - References

Huang J.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Li N.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.
Kalnina N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).