

# DYNC1LI1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15268

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9Y6G9</a>
<b>Other Accession</b>	<a href="#">NM_016141</a> , <a href="#">NP_057225</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	56579

## Additional Information

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<b>Gene ID</b>	51143
<b>Alias Symbol</b>	DNCLI1, FLJ10219
<b>Other Names</b>	Cytoplasmic dynein 1 light intermediate chain 1, LIC1, Dynein light chain A, DLC-A, Dynein light intermediate chain 1, cytosolic, DYNC1LI1, DNCLI1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-DYNC1LI1 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.
<b>Precautions</b>	DYNC1LI1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DYNC1LI1
<b>Synonyms</b>	DNCLI1
<b>Function</b>	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. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in binding dynein to membranous organelles or chromosomes. Probably involved in the microtubule-dependent transport of pericentrin. Is required for progress through the spindle assembly checkpoint. The phosphorylated form appears

to be involved in the selective removal of MAD1L1 and MAD1L2 but not BUB1B from kinetochores. Forms a functional Rab11/RAB11FIP3/dynein complex onto endosomal membrane that regulates the movement of peripheral sorting endosomes (SE) along microtubule tracks toward the microtubule organizing center/centrosome, generating the endosomal recycling compartment (ERC) (PubMed:[20026645](#)).

### Cellular Location

Cytoplasm. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle pole. Recycling endosome membrane. Note=During interphase, localized in vesicles continuously moving from peripheral sorting endosomes in the cell towards the pericentrosomal endosomal recycling compartment (ERC)

## References

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Dai M.,et al.Submitted (JUL-1998) to the EMBL/GenBank/DDBJ databases.  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Olsen J.V.,et al.Cell 127:635-648(2006).  
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).

## Images

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WB Suggested Anti-DYNC1LI1 Antibody Titration: 1.0  
µg/ml  
Positive Control: Jurkat Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.