

DNCLI1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57771

Specification

DNCLI1 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	O9Y6G9
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56579

DNCLI1 Polyclonal Antibody - Additional Information

Gene ID 51143

Other Names

Cytoplasmic dynein 1 light intermediate chain 1, LIC1, Dynein light chain A, DLC-A, Dynein light intermediate chain 1, cytosolic, DYNC1LI1, DNCLI1

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.

DNCLI1 Polyclonal Antibody - Protein Information

Name DYNC1LI1

Synonyms DNCLI1

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. 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: <http://www.uniprot.org/citations/20026645> target="_blank">20026645).

Cellular Location

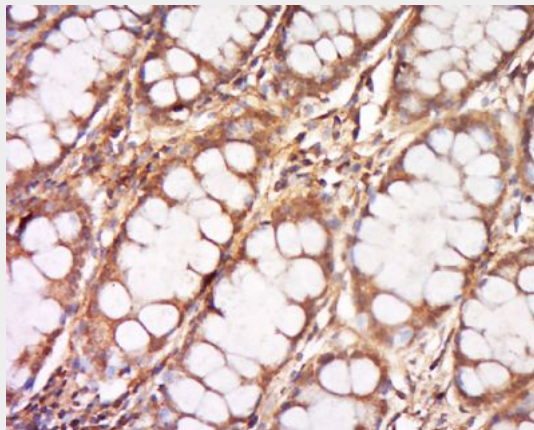
Cytoplasm. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle pole. Recycling endosome membrane. Note=During interphase, localized in vesicles continuously moving from peripheral sorting endosomes in the cell towards the pericentrosomal endosomal recycling compartment (ERC)

DNCLI1 Polyclonal Antibody - Protocols

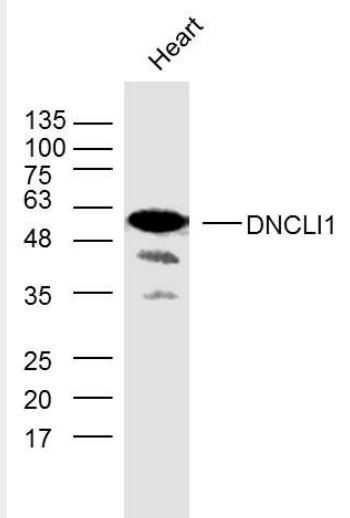
Provided below are standard protocols that you may find useful for product applications.

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

DNCLI1 Polyclonal Antibody - Images



Tissue/cell: Human cervical cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-DNCLI1 Polyclonal Antibody, Unconjugated(bs-20152R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti- DNCLI1 (bs-20152R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kD

Observed band size: 57 kD