antibodies

# Datasheet for ABIN7149318 anti-DYNC1LI1 antibody (AA 167-233)

Image



Overview

| Quantity:            | 100 µL                                  |
|----------------------|---|
| Target:              | DYNC1LI1                                |
| Binding Specificity: | AA 167-233                              |
| Reactivity:          | Human                                   |
| Host:                | Rabbit                                  |
| Clonality:           | Polyclonal                              |
| Conjugate:           | This DYNC1LI1 antibody is un-conjugated |
| Application:         | ELISA, Immunohistochemistry (IHC)       |

### Product Details

| Immunogen:        | Recombinant Human Cytoplasmic dynein 1 light intermediate chain 1 protein (167-233AA) |
|-------------------|---|
| Isotype:          | lgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified  |

## Target Details

| Target:           | DYNC1LI1  |
|-------------------|---|
| Alternative Name: | DYNC1LI1 (DYNC1LI1 Products)  |
| Background:       | Background: 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 |

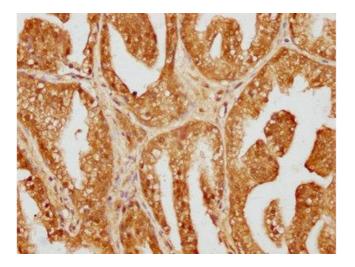
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|          | proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the                |
|----------|---|
|          | intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in |
|          | 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.   |
|          | Aliases: Cytoplasmic dynein 1 light intermediate chain 1 antibody, cytosolic antibody,              |
|          | DC1L1_HUMAN antibody, DLC-A antibody, DNCLI1 antibody, dync1li1 antibody, Dynein                    |
|          | cytoplasmic 1 light intermediate chain 1 antibody, Dynein cytoplasmic light intermediate            |
|          | polypeptide 1 antibody, Dynein light chain A antibody, Dynein light intermediate chain 1            |
|          | antibody, Dynein light intermediate chain 1 cytosolic antibody, FLJ10219 antibody, LIC1             |
|          | antibody  |
| UniProt: | Q9Y6G9  |

## Application Details

| Application Notes: | Recommended dilution: IHC:1:200-1:500,  |
|--------------------|---|
| Restrictions:      | For Research Use only   |
| Handling           |   |
| Format:            | Liquid  |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C   |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |

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#### Immunohistochemistry

**Image 1.** IHC image of ABIN7149318 diluted at 1:200 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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