

## Anti-DYNC1LI2 antibody

<b>Cat. No.</b>	ml163749
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DYNC1LI2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human DYNC1LI2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DYNC1LI2
<b>Full name</b>	dynein cytoplasmic 1 light intermediate chain 2
<b>Synonyms</b>	LIC2; DNCL12
<b>Swissprot</b>	O43237

### Target 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 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.

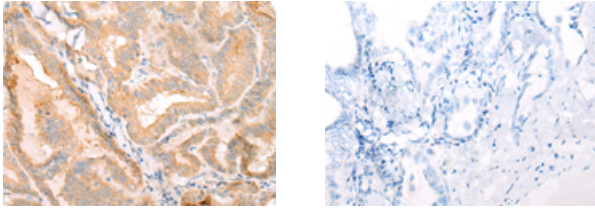
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100

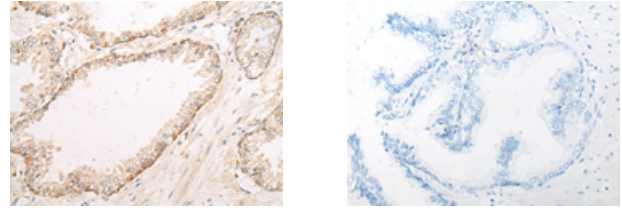


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml163749(DYNC1LI2 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml163749(DYNC1LI2 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 54 kDa

Positive control: Human fetal brain tissue and Mouse brain tissue, PC-3 cell lysates

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

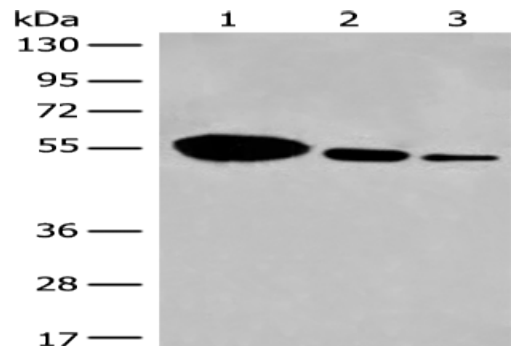
Lysate: 40  $\mu$ g

Lane 1-3: Human fetal brain tissue and Mouse brain tissue, PC-3 cell lysates

Primary antibody: ml163749(DYNC1LI2 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



### ELISA

Recommended dilution: 5000-10000

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