

## DYNC1H1 rabbit monoclonal antibody

Catalog # H00001778-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human DYNC1H1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human DYNC1H1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human DYNC1H1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DYNC1H1

Entrez GeneID	<a href="#">1778</a>
GeneBank Accession#	<a href="#">DYNC1H1</a>
Gene Name	DYNC1H1
Gene Alias	DHC1, DHC1a, DKFZp686P2245, DNCH1, DNCL, DNECL, DYHC, Dnchc1, HL-3, KIAA0325, p22
Gene Description	dynein, cytoplasmic 1, heavy chain 1
Omim ID	<a href="#">600112</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Dyneins are a group of microtubule-activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains. This gene encodes a member of the cytoplasmic dynein heavy chain family. [provided by RefSeq]
Other Designations	cytoplasmic dynein 1 heavy chain 1 dynein heavy chain, cytosolic dynein, cytoplasmic, heavy polypeptide 1 dynein, cytoplasmic-like

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)