

**DYNC1H1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20786c**

**Specification**

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**DYNC1H1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O14204</a>
Other Accession	<a href="#">P38650</a> , <a href="#">O9JHU4</a>
Reactivity	Human, Rat
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	532408

**DYNC1H1 Antibody (C-term) - Additional Information**

**Gene ID** 1778

**Other Names**

Cytoplasmic dynein 1 heavy chain 1, Cytoplasmic dynein heavy chain 1, Dynein heavy chain, cytosolic, DYNC1H1, DHC1, DNCH1, DNCL, DNECL, DYHC, KIAA0325

**Target/Specificity**

This DYNC1H1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 4224-4257 amino acids from the C-terminal region of human DYNC1H1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DYNC1H1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DYNC1H1 Antibody (C-term) - Protein Information**

**Name** DYNC1H1 ([HGNC:2961](#))

**Function** Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles

and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. Plays a role in mitotic spindle assembly and metaphase plate congression (PubMed:[27462074](#)).

#### Cellular Location

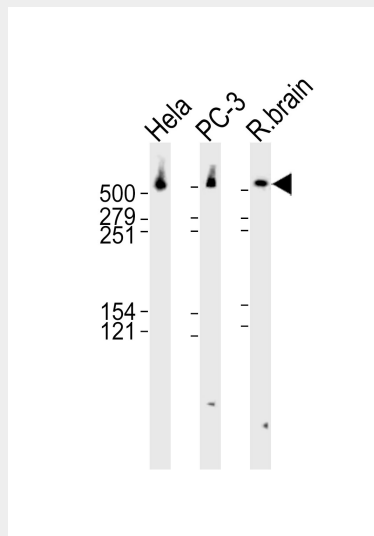
Cytoplasm, cytoskeleton

#### DYNC1H1 Antibody (C-term) - 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](#)

#### DYNC1H1 Antibody (C-term) - Images



Western blot analysis of lysates from HeLa, PC-3 cell line and rat brain tissue lysate (from left to right), using DYNC1H1 Antibody (C-term) (Cat. #AP20786c). AP20786c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

#### DYNC1H1 Antibody (C-term) - Background

Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP.

#### DYNC1H1 Antibody (C-term) - References

Nagase T., et al. DNA Res. 4:141-150(1997).  
Ohara O., et al. Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.

Yamakawa H.,et al.Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.  
Vaisberg E.A.,et al.J. Cell Biol. 133:831-842(1996).  
Vaisberg E.A.,et al.J. Cell Biol. 123:849-858(1993).