

# DYNC1H1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20786c

#### **Product Information**

Application WB, E Primary Accession Q14204

**Reactivity** Human, Rat, Mouse

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB50599Calculated MW532408

#### **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 E~~Use at an assay dependent concentration.

**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.

#### **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

Cytoplasm, cytoskeleton

## **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.

#### References

Nagase T., et al. DNA Res. 4:141-150(1997).

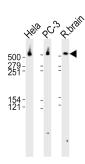
Ohara O., et al. Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.

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).

### **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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.