

**DYNC1H1 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2961a

### Specification

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#### DYNC1H1 Antibody (internal region) - Product Information

Application	E
Primary Accession	<a href="#">O14204</a>
Other Accession	<a href="#">NP_001367.2</a> , <a href="#">1778</a> , <a href="#">25152 (rat)</a>
Predicted	Human, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	532408

#### DYNC1H1 Antibody (internal region) - 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

#### Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

DYNC1H1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

#### DYNC1H1 Antibody (internal region) - 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: <http://www.uniprot.org/citations/27462074> target="\_blank">27462074</a>).

#### Cellular Location

Cytoplasm, cytoskeleton

### **DYNC1H1 Antibody (internal region) - 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 (internal region) - Images**

### **DYNC1H1 Antibody (internal region) - References**

Proprioceptive sensory neuropathy in mice with a mutation in the cytoplasmic Dynein heavy chain 1 gene Chen XJ, Levedakou EN, Millen KJ, Wollmann RL, Soliven B, Popko B J Neurosci. 2007 Dec 26;27(52):14515-24 PMID: 18160659