

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

DYNC1H1 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q14204
Other Accession	NP_001367.2 , 1778 , 25152 (rat)
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).

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