

**Anti-Dynein HC Antibody**  
Rabbit polyclonal antibody to Dynein HC  
Catalog # AP61212

**Specification**

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**Anti-Dynein HC Antibody - Product Information**

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

**Anti-Dynein HC Antibody - Additional Information**

**Gene ID** 1778

**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of Dynein HC protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-Dynein HC Antibody - 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**

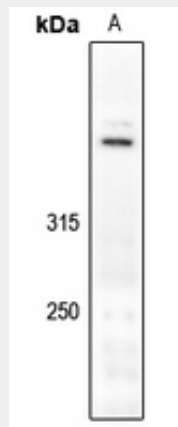
Cytoplasm, cytoskeleton

## Anti-Dynein HC Antibody - 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](#)

## Anti-Dynein HC Antibody - Images



Western blot analysis of Dynein HC expression in HCT116 (A) whole cell lysates.

## Anti-Dynein HC Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Dynein HC. The exact sequence is proprietary.