

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

Specification

Anti-Dynein HC Antibody - Product Information

Application	WB
Primary Accession	O14204
Other Accession	O9JHU4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	532408

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).

Cellular Location

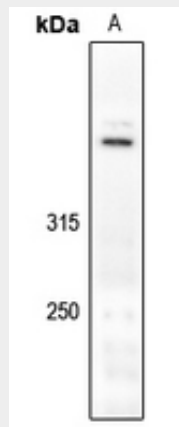
Cytoplasm, cytoskeleton

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.