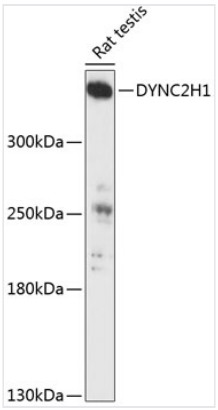
DYNC2H1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DYNC2H1, Polyclonal Antibody
Full Product Name	DYNC2H1 Polyclonal Antibody
Product Gene Name	anti-DYNC2H1 antibody
Product Synonym Names	DYNC2H1; ATD3; DHC1b; DHC2; DNCH2; DYH1B; SRPS2B; SRTD3; hdhc11; cytoplasmic dynein 2 heavy chain 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rat
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	105,369 Da
3D Structure	ModBase 3D Structure for Q8NCM8
Immunogen	Recombinant fusion protein of human DYNC2H1 (NP_001073932.1).
Conjugation	Unconjugated
Product Categories/Family for anti-DYNC2H1 antibody	Total protein Ab
Applications Tested/Suitable for anti-DYNC2H1 antibody	Western Blot (WB)
Application Notes for anti-DYNC2H1 antibody	WB: 1:500-1:2000
Related Product Information for anti-DYNC2H1 antibody	This gene encodes a large cytoplasmic dynein protein that is involved in retrograde transport in the cilium and has a role in intraflagellar transport, a process required for ciliary/flagellar assembly. Mutations in this gene cause a heterogeneous spectrum of conditions related to altered primary cilium function and often involve polydactyly, abnormal skeletogenesis, and polycystic kidneys. Alternative splicing results in multiple transcript variants encoding distinct proteins.
Other Notes	Small volumes of anti-DYNC2H1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DYNC2H1 purchase	MBS9431786 is an antibody targeting DYNC2H1. Also known as DYNC2H1 Polyclonal Antibody. Reactive in Rat. Host: Rabbit.



Western Blot (WB) of anti-DYNC2H1 antibody
Western blot analysis of extracts of rat testis, using DYNC2H1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DYNC2H1. It may not necessarily be applicable to this product.

NCBI GI #	122937398
NCBI GeneID	79659
NCBI Accession #	NP_001073932.1
UniProt Primary Accession #	Q8NCM8
UniProt Secondary Accession #	O00432; Q16693; Q3C1U8; Q4AC93; Q6ZMX7; Q6ZUM6; Q7Z363; Q8N977; Q92815; Q9HAE4
UniProt Related Accession #	Q8NCM8
GenBank Nucleotide #	NM_001080463.1
NCBI Official Full Name	cytoplasmic dynein 2 heavy chain 1 isoform 2
NCBI Official Synonym Full Names	dynein, cytoplasmic 2, heavy chain 1
NCBI Official Symbol	DYNC2H1
NCBI Official Synonym Symbols	ATD3; DHC2; DHC1b; DNCH2; DYH1B; SRTD3; SRPS2B; hdhc11
UniProt Protein Name	Cytoplasmic dynein 2 heavy chain 1
UniProt Synonym Protein Names	Cytoplasmic dynein 2 heavy chain; Dynein cytoplasmic heavy chain 2; Dynein heavy chain 11; hDHC11; Dynein heavy chain isotype 1B
UniProt Gene Name	DYNC2H1
UniProt Synonym Gene Names	DHC1B; DHC2; DNCH2; DYH1B; KIAA1997; hDHC11
NCBI Protein Information	cytoplasmic dynein 2 heavy chain 1; dynein heavy chain 11; dynein heavy chain isotype 1B; dynein heavy chain, isotype 1B; dynein cytoplasmic heavy chain 2; dynein, cytoplasmic, heavy polypeptide 2
UniProt Comments for DYNC2H1	May function as a motor for intraflagellar retrograde transport. Functions in cilia biogenesis. May play a role in transport between endoplasmic reticulum and Golgi or organization of the Golgi in cells ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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