

ARG40021 anti-DYNC2H1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DYNC2H1
Tested Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DYNC2H1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-250 of Human DYNC2H1 (NP_001073932.1).
Conjugation	Un-conjugated
Alternate Names	DNCH2; DYH1B; hDHC11; SRTD3; hdhc11; Dynein cytoplasmic heavy chain 2; SRPS2B; DHC1b; ATD3; Cytoplasmic dynein 2 heavy chain; Cytoplasmic dynein 2 heavy chain 1; Dynein heavy chain 11; DHC2; Dynein heavy chain isotype 1B

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Rat testis				
Observed Size	493 kDa				

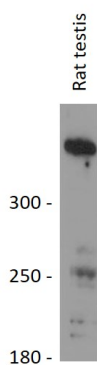
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DYNC2H1
Gene Full Name	dynein, cytoplasmic 2, heavy chain 1
Background	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. [provided by RefSeq, Jan 2010]
Function	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 (By similarity). [UniProt]
Calculated Mw	493 kDa
Cellular Localization	Cytoplasm, cytoskeleton, cilium axoneme. Cell membrane; Peripheral membrane protein. Cytoplasm. Note=Localizes to the apical cytoplasm (By similarity). According to PubMed:8666668, it localizes to Golgi apparatus, cytoplasmic vesicle and endoplasmic reticulum (PubMed:8666668). [UniProt]

Images



ARG40021 anti-DYNC2H1 antibody WB image

Western blot: 25 µg of Rat testis lysate stained with ARG40021 anti-DYNC2H1 antibody at 1:1000 dilution.