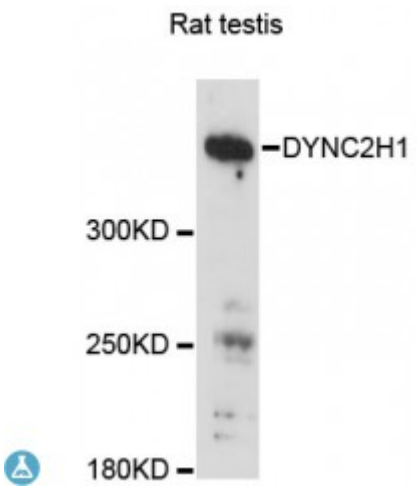
Anti-DYNC2H1 Antibody



Description	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.

Model	STJ115092
Host	Rabbit
Reactivity	Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human DYNC2H1 (NP_001073932.1).
Gene ID	79659
Gene Symbol	DYNC2H1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cytoplasmic dynein 2 heavy chain 1 Cytoplasmic dynein 2 heavy chain Dynein cytoplasmic heavy chain 2 Dynein heavy chain 11 hDHC11 Dynein heavy chain isotype 1B
Molecular Weight	492.622 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2962OMIM:603297Reactome:R-HSA-5610787
Alternative Names	Cytoplasmic dynein 2 heavy chain 1 Cytoplasmic dynein 2 heavy chain Dynein cytoplasmic heavy chain 2 Dynein heavy chain 11 hDHC11 Dynein heavy chain isotype 1B
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 ,
Cellular Localization	Cytoplasm, cytoskeleton, cilium axoneme,