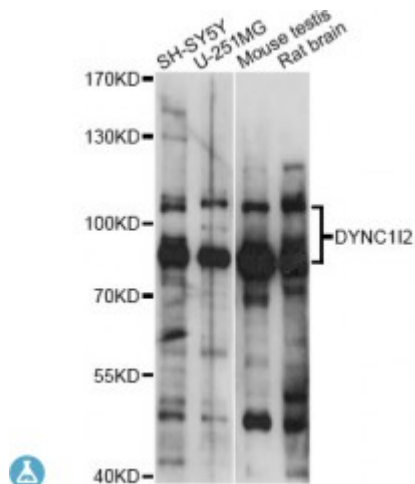


Anti-DYNC1I2 Antibody



Description

This gene encodes a member of the dynein intermediate chain family. The encoded protein is a non-catalytic component of the cytoplasmic dynein 1 complex, which acts as a retrograde microtubule motor to transport organelles and vesicles. A pseudogene of this gene is located on chromosome 10. Alternative splicing results in multiple transcript variants.

Model	STJ116925
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 352-612 of human DYNC1I2 (NP_001258717.1).
Gene ID	1781
Gene Symbol	DYNC1I2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cytoplasmic dynein 1 intermediate chain 2 Cytoplasmic dynein intermediate chain 2 Dynein intermediate chain 2 cytosolic DH IC-2
Molecular Weight	71.457 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:2964OMIM:603331Reactome:R-HSA-141444
Alternative Names	Cytoplasmic dynein 1 intermediate chain 2 Cytoplasmic dynein intermediate chain 2 Dynein intermediate chain 2 cytosolic DH IC-2
Function	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function, Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules, The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCNT1, Involved in membrane-transport, such as Golgi apparatus, late endosomes and lysosomes
Cellular Localization	Cytoplasm, cytoskeleton
Post-translational Modifications	The phosphorylation status of Ser-90 appears to be involved in dynactin-dependent target binding,

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