

Rabbit DYNC1LI2 Polyclonal Antibody | anti-DYNC1LI2 antibody

DYNC1LI2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328836	Rabbit	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

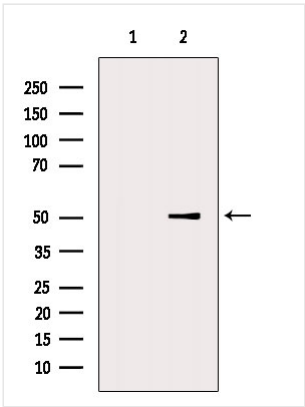
PRODUCT SYNONYMS

DYNC1LI2; Polyclonal Antibody; DYNC1LI2 Antibody; Cytoplasmic dynein 1 light intermediate chain 2; cytosolic; DC1L2_HUMAN; DNCL12; Dync1li2; Dynein cytoplasmic 1 light intermediate chain 2; Dynein light intermediate chain 2; dynein light intermediate chain 2 cytosolic; dynein; cytoplasmic; light intermediate polypeptide 2; LIC-2; LIC2; LIC53/55; OTTHUMP00000174820; anti-DYNC1LI2 antibody

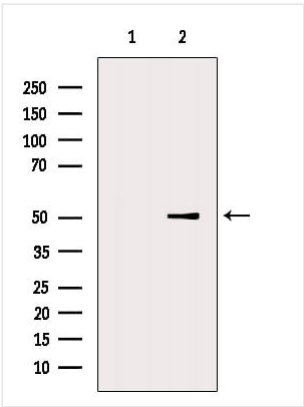
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	DYNC1LI2 Antibody detects endogenous levels of DYNC1LI2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	415
Applicable Applications for anti-DYNC1LI2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human DYNC1LI2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Cytoskeleton
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Huvec, using DYNC1LI2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse testis tissue, using DYNC1LI2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DYNC1LI2 antibody	Description: 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. May play a role in binding dynein to membranous organelles or chromosomes. Subunit Structure: Homodimer (By similarity). The cytoplasmic dynein 1 complex consists of two catalytic heavy chains (HCs) and a number of non-catalytic subunits presented by intermediate chains (ICs), light intermediate chains (LICs) and light chains (LCs); the composition seems to vary in respect to the IC, LIC and LC composition. The heavy chain homodimer serves as a scaffold for the probable homodimeric assembly of the respective non-catalytic subunits. The ICs and LICs bind directly to the HC dimer and the LCs assemble on the IC dimer. Self-associates. Interacts with DYNC1H1; DYNC1LI1 and DYNC1LI2 bind mutually exclusive to DYNC1H1 (By similarity). Similarity: Belongs to the dynein light intermediate chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	555290083
NCBI GeneID	1783
NCBI Accession #	NP_001273086.1
NCBI GenBank Nucleotide #	NP_001273086.1
UniProt Accession #	O43237
Molecular Weight	Observed: 50 kDa Predicted: 55 kDa
NCBI Official Full Name	cytoplasmic dynein 1 light intermediate chain 2 isoform 2
NCBI Official Synonym Full Names	dynein cytoplasmic 1 light intermediate chain 2
NCBI Official Symbol	DYNC1LI2
NCBI Official Synonym Symbols	LIC2; DNCLI2
NCBI Protein Information	cytoplasmic dynein 1 light intermediate chain 2
UniProt Protein Name	Cytoplasmic dynein 1 light intermediate chain 2
UniProt Gene Name	DYNC1LI2

UniProt Synonym Gene Names	DNCLI2; LIC2; LIC-2
UniProt Entry Name	DC1L2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dync1li2-antibody-western-blot-elisa/328836>