

Rabbit DYNC2LI1 Polyclonal Antibody | anti-DYNC2LI1 antibody

DYNC2LI1 Antibody

CATALOG # AAA323213	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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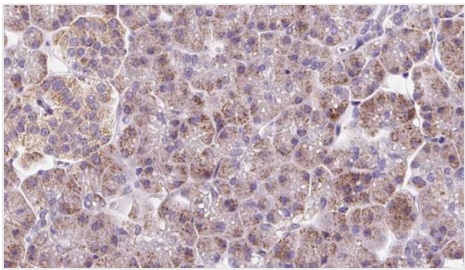
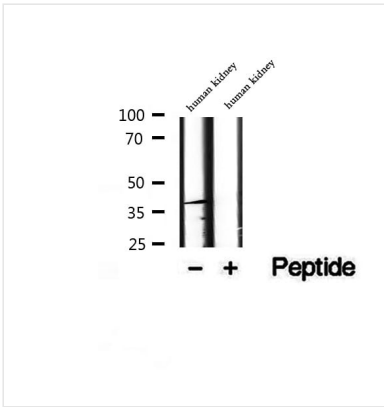
PRODUCT SYNONYMS

DYNC2LI1; Polyclonal Antibody; DYNC2LI1 Antibody; CGI-60; Cytoplasmic dynein 2 light intermediate chain 1; D2LIC; DC2L1_HUMAN; Dynein 2 light intermediate chain; Dynein; cytoplasmic 2; light intermediate chain 1; LIC3; anti-DYNC2LI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DYNC2LI1 antibody detects endogenous levels of DYNC2LI1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
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	352
Applicable Applications for anti-DYNC2LI1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DYNC2LI1.
Subcellular Location	Cytoplasm > Cytoskeleton > Cilium Axoneme. Cytoplasm. Localizes to the apical cytoplasm.
Tissue Specificity	Expressed in bone, brain, kidney, and cartilage (PubMed:26077881, PubMed:26130459). Lower expression in heart, liver, lung, placenta and thymus (PubMed:26077881).
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (92%), Zebrafish (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (100%), Dog (92%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323213 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of human kidney tissue, using DYNC2LI1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DYNC2LI1 antibody	Function: Required for correct intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia. Involved in the regulation of ciliary length. Subunit Structure: The cytoplasmic dynein complex 2 is probably composed by a DYNC2H1 homodimer and a number of DYNC2LI1 light intermediate chains. Similarity: Belongs to the dynein light intermediate chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301500723
NCBI GeneID	51626
NCBI Accession #	NP_001180393.1
NCBI GenBank Nucleotide #	NM_001193464.1
UniProt Accession #	Q8TCX1; Q53F57; Q6PDB2; Q8IWA3; Q96B03; Q96J00; Q9Y370; Q9Y3S9; A8MVJ5
Molecular Weight	Observed: 40 kDa Predicted: 40 kDa
NCBI Official Full Name	cytoplasmic dynein 2 light intermediate chain 1 isoform 4
NCBI Official Synonym Full Names	dynein cytoplasmic 2 light intermediate chain 1
NCBI Official Symbol	DYNC2LI1
NCBI Official Synonym Symbols	LIC3; D2LIC; CGI-60
NCBI Protein Information	cytoplasmic dynein 2 light intermediate chain 1
UniProt Protein Name	Cytoplasmic dynein 2 light intermediate chain 1
UniProt Gene Name	DYNC2LI1
UniProt Synonym Gene Names	D2LIC; LIC3; Dynein 2 light intermediate chain

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.