

Rabbit DYNLL1 Polyclonal Antibody | anti-DYNLL1 antibody

DYNLL1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200141	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

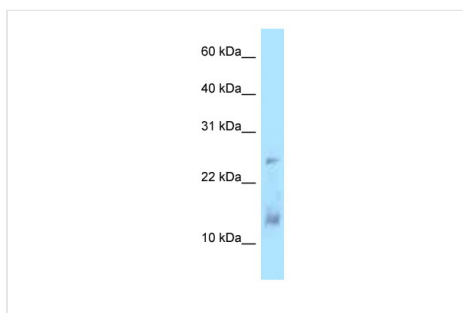
PRODUCT SYNONYMS

DYNLL1; Polyclonal Antibody; DYNLL1 antibody - middle region; anti-DYNLL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Synthetic peptide with the following sequence: NI EKDIAAHIKK EFDKKYNPTW HCIVGRNFGS YVTHETKHFI YFYLGQVA
Sequence Length	89
Applicable Applications for anti-DYNLL1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 100%
Protein Interactions	UBC; DYNC1I1; CCDC36; IQUB; AMBRA1; AMOTL2; KANK2; BECN1; BMI1; EED; GNB2L1; RPS21; RPS5; RPS3; RPS2; RPSA; HDLBP; FKBP3; FAU; DYNC1LI2; NRF1; AMOT; DYRK1B; DYRK1A; TERT; STK24; PRKACB; PRKACA; GSK3B; STK26; STK25; CSNK1A1; PAK1; UL122; IQCB1; BCL2L11; NA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DYNLL1 Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell

ADDITIONAL INFORMATION

Related Product Information for anti-DYNLL1 antibody	This is a rabbit polyclonal antibody against DYNLL1. It was validated on Western Blot Target Description: Cytoplasmic dyneins are large enzyme complexes with a molecular mass of about 1,200 kD. They contain two force-producing heads formed primarily from dynein heavy chains, and stalks linking the heads to a basal domain, which contains a varying number of accessory intermediate chains. The complex is involved in intracellular transport and motility. DYNLL1 is a light chain and exists as part of this complex but also physically interacts with and inhibits the activity of neuronal nitric oxide synthase. Binding of this protein destabilizes the neuronal nitric oxide synthase dimer, a conformation necessary for activity, and it may regulate numerous biologic processes through its effects on nitric oxide synthase activity.
Product Categories/Family for anti-DYNLL1 antibody	Polyclonal; Transcription Regulation ; Mitochondria ; Cell Structure ; Phosphorylation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	83267866
NCBI GeneID	8655
NCBI Accession #	NP_001032583
NCBI GenBank Nucleotide #	NM_001037494
UniProt Accession #	P63167
Molecular Weight	10kDa
NCBI Official Full Name	dynein light chain 1, cytoplasmic
NCBI Official Synonym Full Names	dynein light chain LC8-type 1
NCBI Official Symbol	DYNLL1
NCBI Official Synonym Symbols	LC8; PIN; DLC1; DLC8; LC8a; DNCL1; hdlc1; DNCLC1
NCBI Protein Information	dynein light chain 1, cytoplasmic
UniProt Protein Name	Dynein light chain 1, cytoplasmic
UniProt Gene Name	DYNLL1
UniProt Synonym Gene Names	DLC1; DNCL1; DNCLC1; HDLC1; DLC8; PIN
UniProt Entry Name	DYL1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dynll1-antibody-western-blot-elisa/200141>