

Rabbit anti-Human Dynein light chain 1 Polyclonal Antibody | anti-DYNLL1 antibody

Rabbit anti-human Dynein light chain 1, cytoplasmic polyclonal Antibody

CATALOG # AAA81779	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Dynein light chain 1; Polyclonal Antibody; Rabbit anti-human Dynein light chain 1; cytoplasmic polyclonal Antibody; 8 kDa dynein light chain DLC8 Dynein light chain LC8-type 1 Protein inhibitor of neuronal nitric oxide synthase PIN; anti-DYNLL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	89
Applicable Applications for anti-DYNLL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Dynein light chain 1, cytoplasmic protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31058 / sc-13969 / sc-136287
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



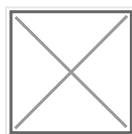
IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA81779 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



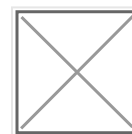
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA81779 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human cervical cancer using AAA81779 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Dynein light chain 1, cytoplasmic antibody at 2ug/ml+ EC109 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 9.8 kDaObserved band size: 9.8kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DYNLL1 antibody	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 changing or maintaining the spatial distribution of cytoskeletal structures. Binds and inhibits the catalytic activity of neuronal nitric oxide synthase. Promotes transactivation functions of ESR1 and plays a role in the nuclear localization of ESR1. Regulates apoptotic activities of BCL2L11 by sequestering it to microtubules. Upon apoptotic stimuli the BCL2L11-DYNLL1 complex dissociates from cytoplasmic dynein and translocates to mitochondria and sequesters BCL2 thus neutralizing its antiapoptotic activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83267866
NCBI GeneID	8655
NCBI Accession #	NP_001032583.1
NCBI GenBank Nucleotide #	NM_001037494.1
UniProt Accession #	P63167; Q15701
Molecular Weight	10,366 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dynein-light-chain-1-antibody-immunohistochemistry-western-blot-elisa/81779>