

Datasheet for ABIN7150882
anti-DYNLL1 antibody (AA 1-89)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	DYNLL1
Binding Specificity:	AA 1-89
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYNLL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dynein light chain 1, cytoplasmic protein (1-89AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DYNLL1
Alternative Name:	DYNLL1 (DYNLL1 Products)
Background:	Background: 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

Target Details

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.

Aliases: 8 kDa dynein light chain antibody, 8kDLC antibody, Cytoplasmic dynein light polypeptide antibody, DLC1 antibody, DLC8 antibody, DNCL1 antibody, DNCLC1 antibody, DYLL1_HUMAN antibody, Dynein , cytoplasmic, light chain 1 antibody, Dynein light chain 1 cytoplasmic antibody, Dynein light chain 1, cytoplasmic antibody, Dynein light chain LC8 type 1 antibody, Dynein light chain LC8-type 1 antibody, Dynein, cytoplasmic, light polypeptide 1 antibody, Dynein, light chain, LC8-type 1 antibody, DYNLL1 antibody, HDLC1 antibody, LC8 antibody, LC8a antibody, MGC126137 antibody, MGC126138 antibody, MGC72986 antibody, PIN antibody, Protein inhibitor of neuronal nitric oxide synthase antibody, Protein inhibitor of neuronal NOS antibody

UniProt: [P63167](#)

Pathways: [M Phase](#), [Tube Formation](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

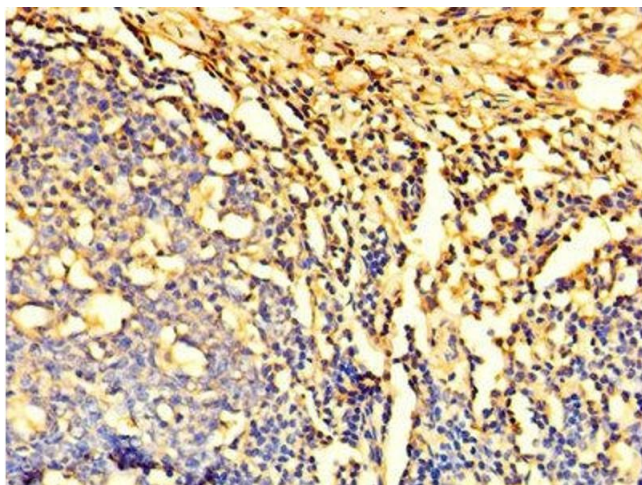
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

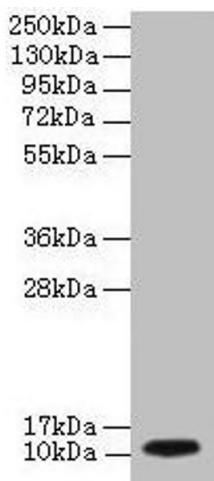
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



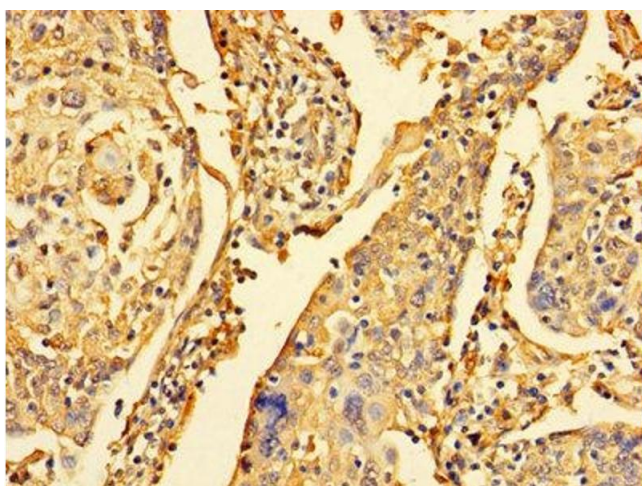
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7150882 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: DYNLL1 antibody at 2 µg/mL + EC109 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/15000 dilution Predicted band size: 11 kDa Observed band size: 11 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human cervical cancer using ABIN7150882 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7150882.