

[Go to Product page](#)

Datasheet for ABIN6943170 **anti-DYNLL1 antibody**

Overview

Quantity:	100 µL
Target:	DYNLL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DYNLL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	N terminus Human DYNLL1
Clone:	9T1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	DYNLL1
Alternative Name:	DYNLL1 (DYNLL1 Products)
Background:	Synonyms: Dynein light chain 1, cytoplasmic, 8 kDa dynein light chain, Dynein light chain LC8-

Target Details

type 1, Protein inhibitor of neuronal nitric oxide synthase, DLC8, PIN, DYNLL1

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 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.

Gene ID: 8655

UniProt: [P63167](#)

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

Application Details

Application Notes: WB 1:300-5000
IF(ICC) 1:50-200
IHC()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

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

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months