

Datasheet for ABIN631146 **anti-DYNLL1 antibody (N-Term)**



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Overview

Quantity:	100 µL
Target:	DYNLL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYNLL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	DYNLL1 antibody was raised using the N terminal of DYNLL1 corresponding to a region with amino acids MCDRKAVIKNADMSEEMQQDSVECATQALEKYNIEKDIAAHIKKEFDKKY
Specificity:	DYNLL1 antibody was raised against the N terminal of DYNLL1
Purification:	Affinity purified

Target Details

Target:	DYNLL1
Alternative Name:	DYNLL1
Background:	Cytoplasmic dyneins are large enzyme complexes with a molecular mass of about 1,200 kDa. 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

Target Details

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.

Molecular Weight: 10 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: DYNLL1 Blocking Peptide, (ABIN5613277), is also available for use as a blocking control in assays to test for specificity of this DYNLL1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of DYNLL1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.