

DYNLL1 Rabbit Polyclonal Antibody



CAB5742

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

13kDa

Calculated MW:

10kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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. The protein described in this record 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. Alternate transcriptional splice variants have been characterized.

Immunogen information

Gene ID:

8655

Uniprot

P63167

Synonyms:

DYNLL1; DLC1; DLC8; DNCL1; DNCLC1; LC8; LC8a; PIN; hdlc1

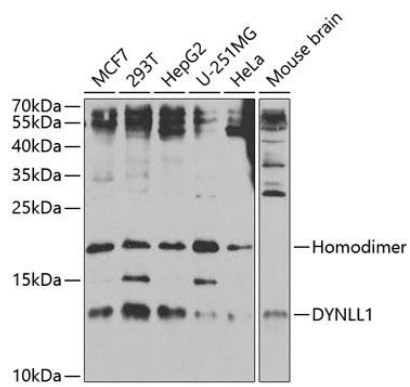
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-89 of human DYNLL1 (NP_003737.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using DYNLL1 antibody (CAB5742) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.