

DYNLT1

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 12kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DYNLT1

Storage Buffer:

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

Synonym:

CW-1; TCTEL1; tctex-1;

Catalog #: A4150

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6993

Isotype: IgG

Swiss Prot: P63172

Purity: Affinity purification

For research use only.

Background:

This gene encodes a component of the motor complex, cytoplasmic dynein, which transports cellular cargo along microtubules in the cell. The encoded protein regulates the length of primary cilia which are sensory organelles found on the surface of cells. The protein encoded by this gene interacts with viral proteins, like the minor capsid protein L2 of human papillomavirus, and is required for dynein-mediated delivery of the viral nucleic acid to the host nucleus. This protein interacts with oncogenic nucleoporins to disrupt gene regulation and cause leukemic transformation. Pseudogenes of this gene are present on chromosomes 4 and 17. Alternative splicing results in multiple transcript variants encoding different isoforms.

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