abbexa ®

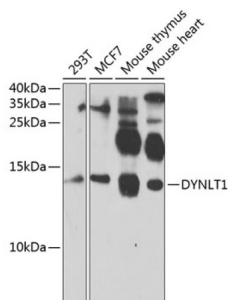# Dynein Light Chain Tctex-Type 1 (DYNLT1) Antibody

Catalogue No.:abx003064

Western blot analysis of extracts of various cell lines using DYNLT1 Antibody (1/1000 dilution).

DYNLT1 Antibody is a Rabbit Polyclonal antibody against DYNLT1. 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.

Target:	Dynein Light Chain Tctex-Type 1 (DYNLT1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human DYNLT1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P63172 (**UniProt**, **ExPASy**)

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Gene Symbol:	DYNLT1
GeneID:	**6993**
NCBI Accession:	NP_006510.1
KEGG:	hsa:6993
String:	**9606.ENSP00000356056**
Molecular Weight:	Calculated MW: 12 kDa
	Observed MW: 13 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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