

KD-Validated Anti-DYNLT1 Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

Catalog # AGI2212

Product Information

Application	WB, FC
Primary Accession	P63172
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB245
Calculated MW	12452
Gene Name	DYNLT1
Aliases	DYNLT1; Dynein Light Chain Tctex-Type 1; TCTEX1; Tctex-1; TCTEL1; T-Complex-Associated-Testis-Expressed 1-Like 1; T-Complex Testis-Specific Protein 1 Homolog; Protein CW-1; TCTEX-1; CW-1
Immunogen	Recombinant protein of human TCTEX-1

Additional Information

Gene ID	6993
Other Names	Dynein light chain Tctex-type 1, Protein CW-1, T-complex testis-specific protein 1 homolog, DYNLT1, TCTEL1, TCTEX-1, TCTEX1

Protein Information

Name	DYNLT1
Synonyms	TCTEL1, TCTEX-1, TCTEX1
Function	Component of dynein, a family of motor proteins essential for movement along microtubules (By similarity). Required for structural and functional integrity of cilia (By similarity). 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. Binds to transport cargos and is involved in apical cargo transport such as rhodopsin-bearing vesicles in polarized epithelia.
Cellular Location	Golgi apparatus. Cytoplasm. Cytoplasm, cytoskeleton, spindle Note=Localizes to mitotic spindles.
Tissue Location	Expressed in heart, placenta, skeletal muscle kidney, pancreas, spleen, prostate, testis, ovary, ileum and colon Expressed in lung endothelial and smooth muscle cells (at protein level).

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