

Anti-TCTEX1 Rabbit Monoclonal Antibody

Catalog # ABO16548

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P63172
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TCTEX1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse.

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
Calculated MW	12452
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 30D84 A synthesized peptide derived from human TCTEX1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

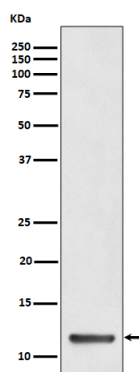
Cellular Location

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).

Images



Western blot analysis of TCTEX1 expression in HeLa cell lysate.

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