10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TCTEX1 Antibody

Rabbit mAb
Catalog # AP93088

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P63172
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	AGS2; DYNLT1; TCTEL1; Tctex1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	12452

Additional Information

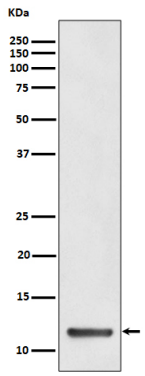
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TCTEX1
Description	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.