

Product datasheet for **TA320173**

DYNLT4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TCTEX1D4 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human TCTEX1D4.
Formulation:	TCTEX1D4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TCTEX1D4 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24 kDa
Gene Name:	Tctex1 domain containing 4
Database Link:	NP_001013654 Entrez Gene 242646 MouseEntrez Gene 102551208 RatEntrez Gene 343521 Human Q5J98



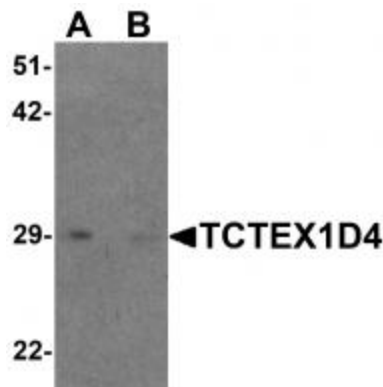
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Background:

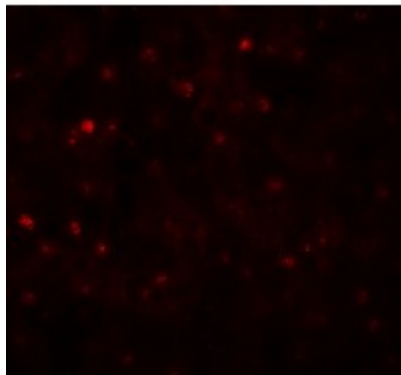
TCTEX1D4 Antibody: Dyneins are multi-subunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Cytoplasmic or axonemal Dynein is an approximately 12 subunit complex of two heavy chains, two intermediate chains to anchor Dynein to its cargo, four smaller intermediate chains and several light chains. It performs functions necessary for cell survival such as organelle transport and centrosome assembly. TCTEX1 is a cytoplasmic dynein light chain found in a complex with Na⁺ CP type X (SCN10A). TCTEX1D4, also called TCTEX2 beta, interacts with different members of the TGF-beta receptor family, and when overexpressed, inhibits TGF-beta signaling.

Synonyms:

TCTEX1D4

Product images:


Western blot analysis of TCTEX1D4 in mouse liver tissue lysate with TCTEX1D4 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of TCTEX1D4 in human liver tissue with TCTEX1D4 antibody at 20 ug/mL.