

Datasheet for ABIN6991725
anti-TCTEX1D4 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	TCTEX1D4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTEX1D4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Immunogen:	TCTEX1D4 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human TCTEX1D4. The immunogen is located within the first 50 amino acids of TCTEX1D4.
Isotype:	IgG
Specificity:	TCTEX1D4 is predicted to not cross-react with other members of the TCTEX-type family.
Purification:	TCTEX1D4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TCTEX1D4
Alternative Name:	TCTEX1D4 (TCTEX1D4 Products)

Target Details

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.
Molecular Weight:	24 kDa
Gene ID:	343521
NCBI Accession:	NP_001013654
UniProt:	Q5JR98

Application Details

Application Notes:	TCTEX1D4 antibody can be used for detection of TCTEX1D4 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TCTEX1D4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TCTEX1D4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.