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Datasheet for ABIN6991722
anti-TCTEX1D1 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	TCTEX1D1
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTEX1D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	TCTEX1D1 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human. The immunogen is located within amino acids 30 - 80 of TCTEX1D1.
Isotype:	IgG
Specificity:	At least three isoforms are known to exist, this antibody will detect the two largest isoforms. TCTEX1D1 is predicted to not cross-react with other members of the TCTEX-type family.
Purification:	TCTEX1D1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TCTEX1D1
Alternative Name:	TCTEX1D1 (TCTEX1D1 Products)

Target Details

Background: TCTEX1D1 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). TCTEX1D1, also called TCTEX1 domain containing 1, belongs to the dynein light chain TCTEX-type family. Its function is still under investigation.

Molecular Weight: 20 kDa

Gene ID: 200132

NCBI Accession: [NP_689878](#)

UniProt: [Q8N7M0](#)

Application Details

Application Notes: TCTEX1D1 antibody can be used for detection of TCTEX1D1 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human 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: TCTEX1D1 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: TCTEX1D1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

Handling

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