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Datasheet for ABIN6991724
anti-TCTE3 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	TCTE3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTE3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	TCTEX1D3 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human TCTEX1D3. The immunogen is located within the first 50 amino acids of TCTEX1D3.
Isotype:	IgG
Specificity:	TCTEX1D3 is predicted to not cross-react with other members of the TCTEX-type family
Purification:	TCTEX1D3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TCTE3
Alternative Name:	TCTEX1D3 (TCTE3 Products)

Target Details

Background: TCTEX1D3 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). TCTEX1D3, also called TCTE3, has been identified as a gene responsible for congenital diaphragmatic hernia (CDH).

Molecular Weight: 22 kDa

Gene ID: 6991

NCBI Accession: [NP_777570](#)

UniProt: [Q8IZS6](#)

Application Details

Application Notes: TCTEX1D3 antibody can be used for detection of TCTEX1D3 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: TCTEX1D3 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: TCTEX1D3 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.