BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TCTEX1D3 TCTE3 Antibody

Catalog Number: A13959

About TCTE3

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).

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Overview

Product Name	Anti-TCTEX1D3 TCTE3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TCTEX1D3 TCTE3 Antibody (Catalog # A13959). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	TCTEX1D3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TCTEX1D3 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8IZS6

Technical Details

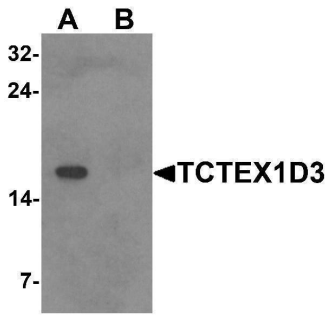
Immunogen	TCTEX1D3 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human TCTEX1D3. The immunogen is located within the first 50 amino acids of TCTEX1D3.
Predicted Reactive Species	Mouse
Cross Reactivity	TCTEX1D3 is predicted to not cross-react with other members of the TCTEX-type family

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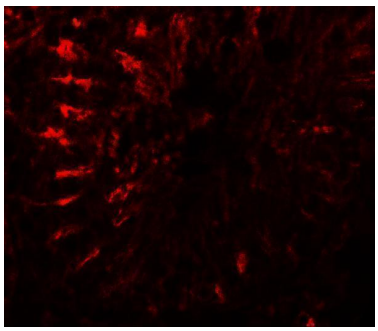
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TCTEX1D3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TCTEX1D3 antibody can be used for detection of TCTEX1D3 by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-TCTEX1D3 TCTE3 Antibody (A13959) Images



Western blot analysis of TCTEX1D3 in EL4 cell lysate with TCTEX1D3 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of TCTEX1D3 in human testis tissue with TCTEX1D3 antibody at 20 ug/mL.

Anti-TCTEX1D3 TCTE3 Antibody

For Research Use Only. Not for use in diagnostic procedures.