

TCTE3 Polyclonal Antibody

Catalog No. E-AB-18369

Note: Centrifuge before opening to ensure complete recovery of vial contents.

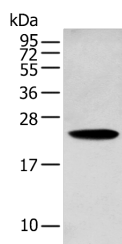
Description

Reactivity	Human, Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:2000,
ELISA
1:5000-1:10000

Data



Western blot analysis of Mouse lung tissue using
TCTE3 Polyclonal Antibody at dilution of 1:250

Observed Mw: Refer to figures
Calculated Mw: 23 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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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