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Datasheet for ABIN7270757
anti-TCTN1 antibody (AA 130-310)

2 Images

Overview

Quantity:	100 µL
Target:	TCTN1
Binding Specificity:	AA 130-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	TCTN1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 130-310 of human TCTN1 (NP_001076006.1).
Sequence:	NFTANPPQRV FELVDQINPS IFCIHITNYK PALSFINPEV PDENNFDLTM KTS DGFTLNA ESYVSFTTKL DIPTAAKYEY GVPLQTSDF LRFPSLTSS LCTDNNPAAF LVNQAVKCTR KINLEQCEEI EALSMAFYSS PEILRVPDSR KKVPITVQSI VIQSLNKTLT RREDTDVLQP T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

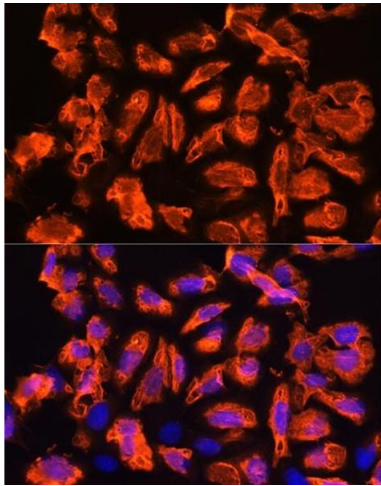
Target:	TCTN1
Alternative Name:	TCTN1 (TCTN1 Products)
Background:	This gene encodes a member of a family of secreted and transmembrane proteins. The orthologous gene in mouse functions downstream of smoothed and rab23 to modulate hedgehog signal transduction. This protein is a component of the tectonic-like complex, which forms a barrier between the ciliary axoneme and the basal body. A mutation in this gene was found in a family with Joubert syndrome-13. Alternative splicing results in multiple transcript variants.,TCTN1,JBTS13,TECT1,Cell Biology & Developmental Biology,Neuroscience,Stem Cells,TCTN1
Molecular Weight:	28kDa/52kDa/58kDa/61kDa/63kDa/64kDa
Gene ID:	79600
UniProt:	Q2MV58
Pathways:	Tube Formation

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

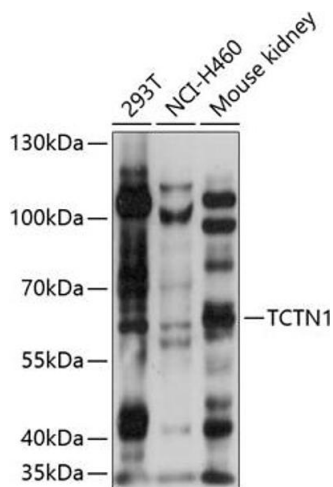
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using TCTN1 Rabbit pAb (ABIN7270757) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TCTN1 antibody (ABIN7270757) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.