

Datasheet for ABIN783639
anti-TCTN3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	TCTN3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCTN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid peptide near the carboxy terminus of human TCTN3
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TCTN3
Alternative Name:	Tectonic-3 (TCTN3 Products)
Background:	TCTN3 is a member of the Tectonic protein family, a group of evolutionarily conserved secreted and transmembrane proteins that regulate the Hedgehog (Hh)-mediated patterning of the neural tube. While the expression pattern and function of TCTN3 is not known, it is 58 % similar to TCTN1. TCTN1 is expressed during embryonic development in regions that participate in Hh

Target Details

signaling, beginning in the gastrulation stages in the ventral node. Mice expressing mutant TCTN1 die between E13.5 and E16.5 and display holoprosencephaly, a defect associated with reduced Hh signaling, indicating the role of TCTN1 as an Hh activator. At later stages in development, TCTN1 is thought to also act as a repressor on the Hh pathway in the anterior and posterior neural tube. Synonyms: C10orf61, TCTN3, TECT3

Gene ID: 26123

NCBI Accession: [NP_056446](#)

UniProt: [Q6NUS6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

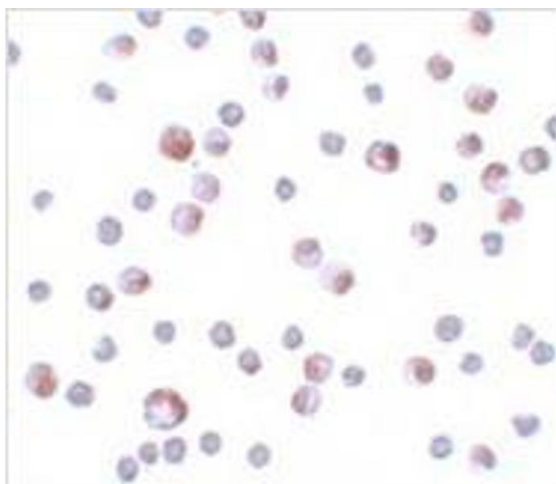
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

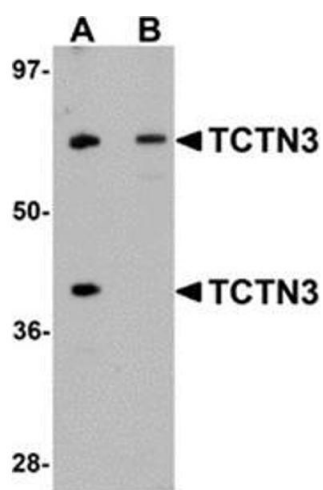
Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Immunofluorescence

Image 1. Immunocytochemistry of TCTN3 in HeLa cells with TCTN3 antibody at 4 µg/ml.



Western Blotting

Image 2. Western blot analysis of TCTN3 in HeLa cell lysate with TCTN3 antibody at (A) 1 and (B) 2 µg/ml.