

ARG54663 anti-TCTN3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TCTN3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TCTN3
Immunogen	Synthetic peptide (17 aa) within aa. 540-590 of Human TCTN3.
Conjugation	Un-conjugated
Alternate Names	Tectonic-3; TECT3; C10orf61; JBTS18; OFD4

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-Dependent
	ICC/IF	20 µg/mL
	IHC-P	Assay-Dependent
	WB	1 - 2 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SK-N-SH Cell Lysate	

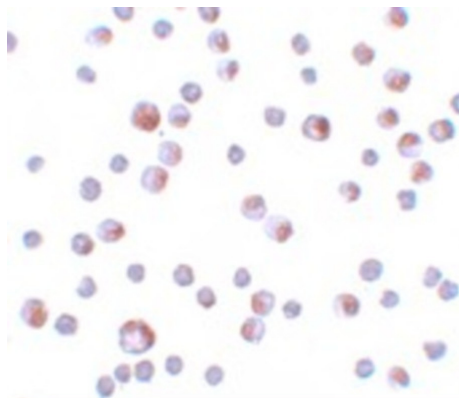
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

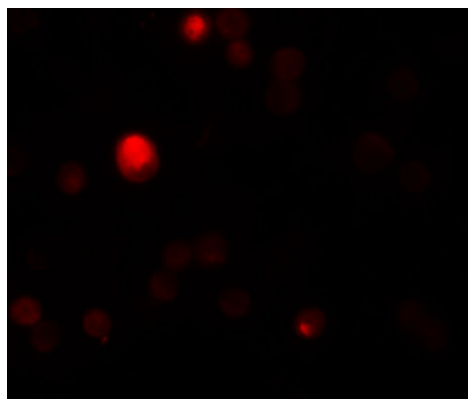
Database links	GeneID: 26123 Human GeneID: 67590 Mouse Swiss-port # Q6NUS6 Human Swiss-port # Q8R2Q6 Mouse
Gene Symbol	TCTN3
Gene Full Name	tectonic family member 3
Background	TCTN3 Antibody: TCTN3 is a member of the Tectonic protein family, a group of evolutionarily conserved secreted and transmembrane 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 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.
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody
Calculated Mw	66 kDa

Images



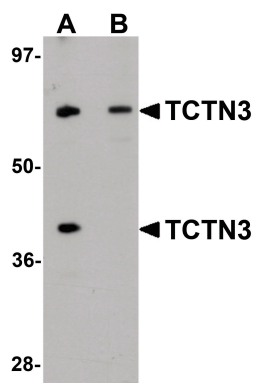
ARG54663 anti-TCTN3 antibody ICC/IF image

Immunocytochemistry: HeLa cells stained with ARG54663 anti-TCTN3 antibody at 4 µg/ml.



ARG54663 anti-TCTN3 antibody IF image

Immunofluorescence: HeLa cells stained with ARG54663 anti-TCTN3 antibody at 20 µg/ml.



ARG54663 anti-TCTN3 antibody WB image

Western blot: HeLa cell lysate stained with ARG54663 anti-TCTN3 antibody at (A) 1 and (B) 2 μ g/ml.