

ARG54662
anti-TCTN2 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TCTN2
Tested Reactivity	Hu, Ms
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TCTN2
Immunogen	Synthetic peptide (15 aa) within aa. 610-660 of Human TCTN2.
Conjugation	Un-conjugated
Alternate Names	Tectonic-2; MKS8; TECT2; C12orf38

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-Dependent
	WB	1 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	

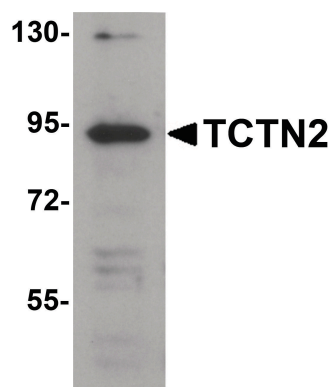
Properties

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: 67978 Mouse
	GeneID: 79867 Human
	Swiss-port # Q2MV57 Mouse
	Swiss-port # Q96GX1 Human
Gene Symbol	TCTN2
Gene Full Name	tectonic family member 2
Background	TCTN2 Antibody: TCTN2 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 TCTN2 is not known, it is 49% 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
Calculated Mw	77 kDa

Images



ARG54662 anti-TCTN2 antibody WB image

Western blot: SK-N-SH cell lysate stained with ARG54662 anti-TCTN2 antibody at 1 µg/ml.