

Product datasheet for **TA320021**

TCTN2 Rabbit Polyclonal Antibody

Product data:

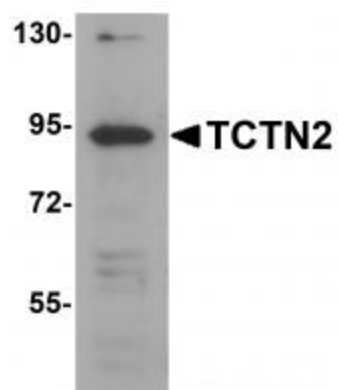
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TCTN2 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human TCTN2.
Formulation:	TCTN2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TCTN2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tectonic family member 2
Database Link:	NP_079085 Entrez Gene 79867 Human Q96GX1
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.



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Synonyms: C12orf38; JBTS24; MKS8; TECT2

Product images:



Western blot analysis of TCTN2 in SK-N-SH cell lysate with TCTN2 antibody at 1 ug/mL.