

TCTN2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13964**Specification**

TCTN2 Antibody (C-Terminus) - Product Information

Application	WB, IHC
Primary Accession	Q96GX1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77kDa KDa

TCTN2 Antibody (C-Terminus) - Additional Information**Gene ID** 79867**Other Names**

Tectonic-2, TCTN2, C12orf38, TECT2

Target/Specificity

Human TCTN2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TCTN2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TCTN2 Antibody (C-Terminus) - Protein Information**Name** TCTN2**Synonyms** C12orf38, TECT2**Function**

Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for hedgehog signaling transduction (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein. Cytoplasm, cytoskeleton, cilium basal body.

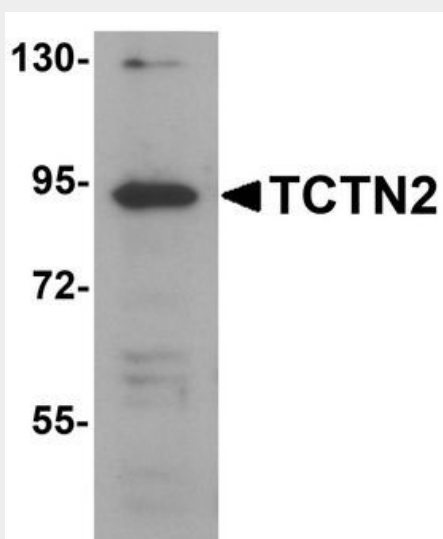
Note=Localizes at the transition zone, a region between the basal body and the ciliary axoneme.

TCTN2 Antibody (C-Terminus) - Protocols

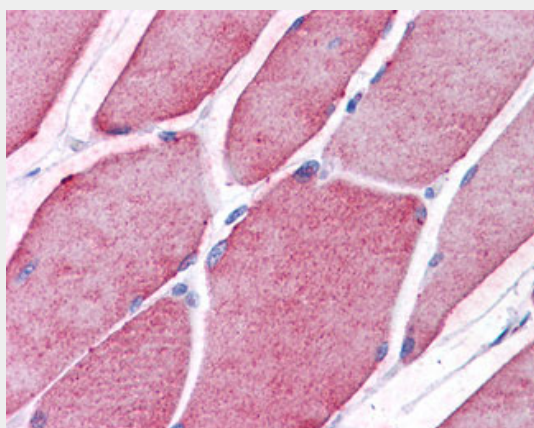
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCTN2 Antibody (C-Terminus) - Images



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



Anti-TCTN2 antibody IHC of human skeletal muscle.

TCTN2 Antibody (C-Terminus) - Background

Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for hedgehog signaling transduction (By similarity).

TCTN2 Antibody (C-Terminus) - References

Reiter J.F.,et al.Genes Dev. 20:22-27(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
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Sang L.,et al.Cell 145:513-528(2011).