

Nur für Forschungszwecke

# TCTN1 Polyklonaler Antikörper

Katalog-Nr.:CL594-15004



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-15004	<b>GenBank-Zugangsnummer:</b> BC062611	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von79600 Nanodrop;	<b>GeneID (NCBI):</b> tectonic family member 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> tectonic family member 1	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 64 kDa	
<b>Immunogen Katalognummer:</b> AG6099	<b>Beobachtete Masse:</b> 55-64 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : humanes Nierengewebe,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

Tectonic-1, encoded by TCTN1 (TECT1) gene, belongs to the tectonic family of secreted and transmembrane proteins. Tectonic-1 is a 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. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in TCTN1 are the cause of Joubert syndrome type 13 (JBTS13), a disorder presenting with cerebellar ataxia, oculomotor apraxia, hypotonia, neonatal breathing abnormalities and psychomotor delay. During neural tube development, mouse Tectonic is required for formation of the most ventral cell types and for full Hedgehog (Hh) pathway activation. Epistasis analyses reveal that Tectonic modulates Hh signal transduction downstream of Smoothened (Smo) and Rab23.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

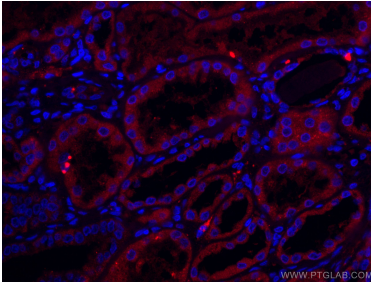
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using CoraLite® 594 TCTN1 antibody (CL594-15004) at dilution of 1:200.