

Nur für Forschungszwecke

TCTN2 Rekombinanter Antikörper

Katalog-Nr.:82121-1-RR



Allgemeine Informationen

Katalog-Nr.: 82121-1-RR	GenBank-Zugangsnummer: BC009112	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von79867	GeneID (NCBI): 79867	CloneNo.: 1E17
Nanodrop:	Vollständiger Name: tectonic family member 2	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Kaninchen	Berechnete Masse: 697 aa, 77 kDa	
Isotyp: IgG	Beobachtete Masse: 90 kDa	
Immunogen Katalognummer: AG10725		

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, A431-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, RAW 264.7-Zellen
Getestete Reaktivität: Human, Ratte	

Hintergrundinformationen

TCTN2 (tectonic-2 or TECT2) is a type I membrane protein that belongs to the tectonic family, which consists of TCTN1, TCTN2 and TCTN3. Studies in mice suggest that tectonic may be involved in Hedgehog (Hh) signaling, and essential for ciliogenesis. Tectonic is 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. It exists two splicing isoforms. The first aberrant transcript introduces 104 base pair from intron 13 and would delete 196 original amino acid, introduce two novel amino acids, and prematurely truncate the 697aa protein at residue number 504. The second transcript lacks exon 14 and would delete 195 original amino acids, introduce four novel amino acids, and prematurely truncate the 697 aa protein at residue number 507. The molecular weight of two isoforms are about 50kDa. We detected the 50kDa and 90kDa protein by immunoprecipitation, but 50kDa protein may be the splicing isoform or non-specific band.

Lagerung

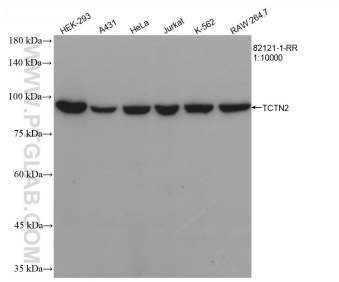
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 82121-1-RR (TCTN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.