

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-TCTN2



Numéro de catalogue: 82121-1-RR

## Informations de base

Numéro de catalogue: 82121-1-RR	Numéro d'acquisition GenBank: BC009112	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 79867	CloneNo.: 1E17
Hôte: Lapin	Nom complet: tectonic family member 2	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG	MW calculé: 697 aa, 77 kDa	
Immunogen Catalog Number: AG10725	MW observés: 90 kDa	

## Applications

Applications testées:  
WB, ELISA  
Spécificité de l'espèce:  
Humain, rat

Contrôles positifs:

WB : cellules HEK-293, cellules A431, cellules HeLa, cellules Jurkat, cellules K-562, cellules RAW 264.7

## Informations générales

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.

## Stockage

Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

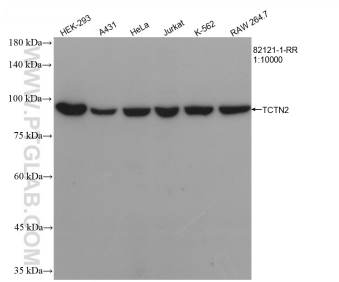
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



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.