

Datasheet for ABIN1386717  
**anti-Taxilin beta antibody (AA 331-430)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	Taxilin beta (TXLNB)
Binding Specificity:	AA 331-430
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Taxilin beta antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA, Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TXLNB
Isotype:	IgG
Specificity:	This may have some cross-reactivity with TXLNA and TXLNG.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	Taxilin beta (TXLNB)
Alternative Name:	TXLNB ( <a href="#">TXLNB Products</a> )
Background:	<p>Synonyms: MDP77, LST001, C6orf198, dJ522B19.2, Beta-taxilin, Muscle-derived protein 77, hMDP77, TXLNB</p> <p>Background: Beta-taxilin promotes nerve regeneration and may be involved in intracellular vesicle transport. Expressed predominantly in cardiac and skeletal muscle, beta-taxilin binds to the coiled coil region of the syntaxin family members STX1A, STX3A, and STX4A. Beta- and gamma-taxilins, bind to the alpha subunit of the nascent polypeptide-associated complex (NAC) and affect its nuclear distribution, suggesting that the taxilin family is involved not only in the translational process through its interaction with NAC but also in the transcriptional process through its interaction with alphaNAC alone.</p>
Gene ID:	167838
UniProt:	<a href="#">Q8N3L3</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

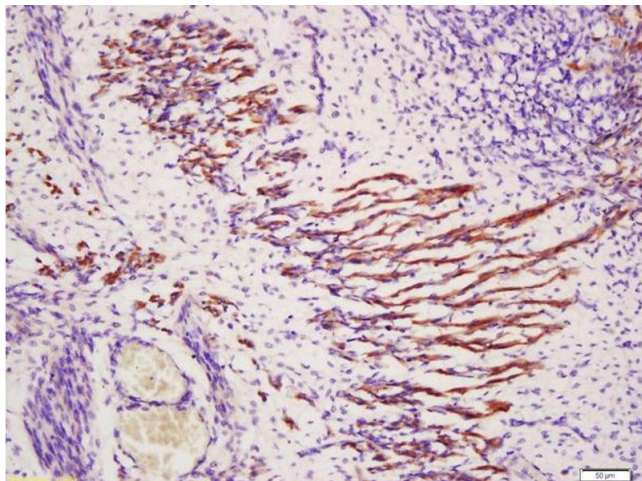
## Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

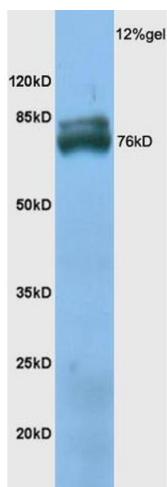
Expiry Date: 12 months

## Images



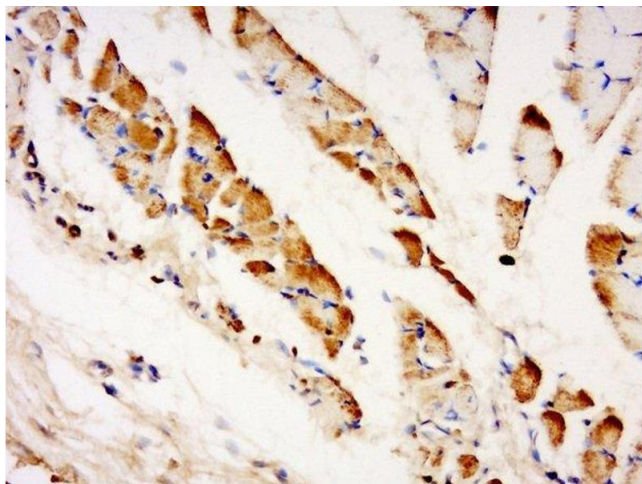
### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse embryo muscle labeled with Anti-TXLNB Polyclonal Antibody, Unconjugated (ABIN1386717) at 1:200, followed by conjugation to the secondary antibody and DAB staining



### SDS-PAGE

**Image 2.** Mouse skeletal muscle lysate probed with Anti TXLNB Polyclonal Antibody, Unconjugated (ABIN1386717) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 76kD. Observed band size: 76kD



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Paraformaldehyde-fixed, paraffin embedded human muscle tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with TXLNB Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining.