



Rabbit Anti-TXLNB antibody

SL12153R

Product Name:	TXLNB
Chinese Name:	β-taxilin蛋白抗体
Alias:	Beta-taxilin; C6orf198; dJ522B19.2; DKFZp451A175; hMDP77; LST001; MDP77; Muscle-derived protein 77; RP3-522B19.2; Txlnb; TXLNB HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	76kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TXLNB:331-430/684
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

Promotes motor nerve regeneration (By similarity). May be involved in intracellular vesicle traffic.

Subunit:

Binds to the C-terminal coiled coil region of syntaxin family members STX1A, STX3A and STX4A. Has a preference for STX1A.

Tissue Specificity:

Expressed in skeletal muscle.

Similarity:

Belongs to the taxilin family.

SWISS:

Q8N3L3

Gene ID:

167838

Database links:

[Entrez Gene: 167838](#)Human

[Entrez Gene: 378431](#)Mouse

[Entrez Gene: 308622](#)Rat

[Omim: 611438](#)Human

[SwissProt: Q8N3L3](#)Human

[SwissProt: Q8VBT1](#)Mouse

[Unigene: 535820](#)Human

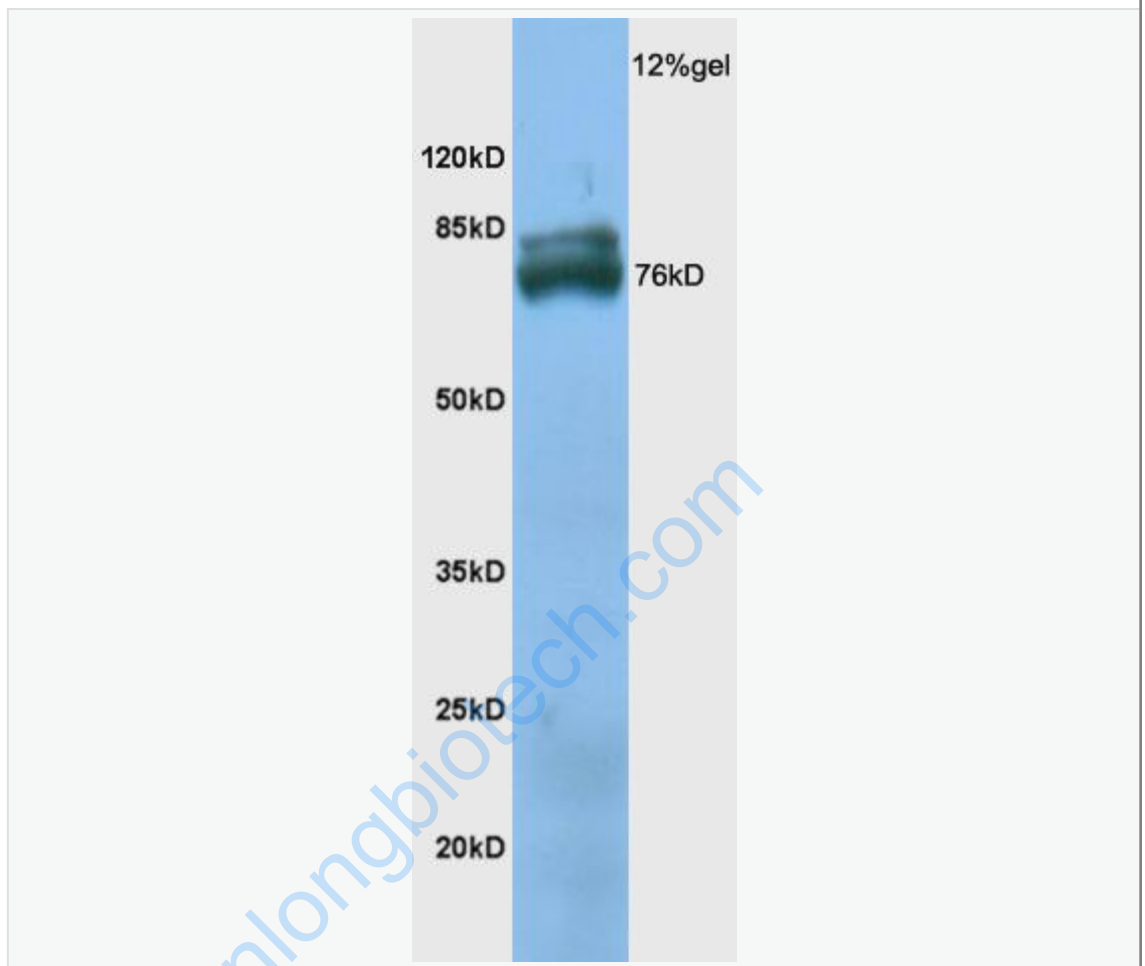
[Unigene: 283493](#)Mouse

[Unigene: 165855](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



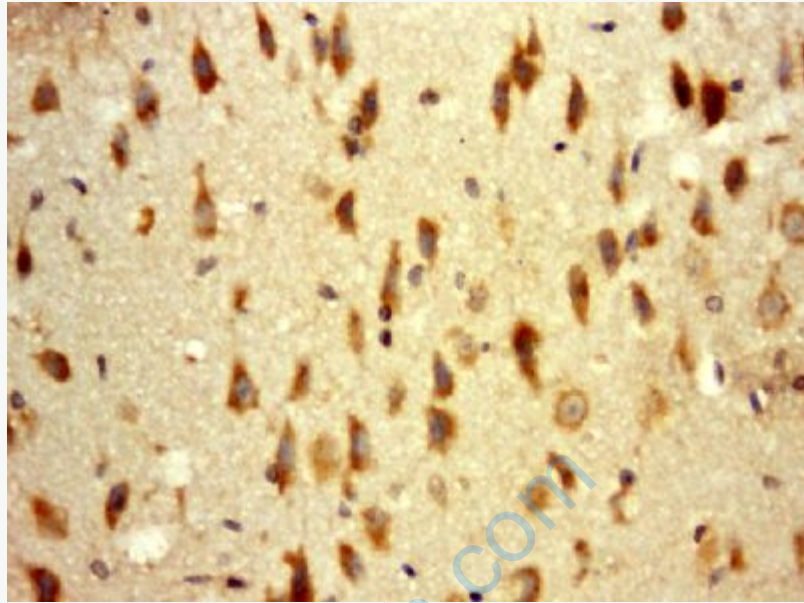
Sample: Muscle (Mouse) Lysate at 40 ug

Primary: Anti-TXLNB (SL12153R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL12153R) at 1/5000 dilution

Predicted band size: 76 kD

Observed band size: 76 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TXLNB) Polyclonal Antibody, Unconjugated (SL12153R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.