

## Product datasheet for **TA369792**

### UNC45B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse skeletal muscle tissue lysate
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human UNC45B
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	104/95 kDa
Gene Name:	unc-45 myosin chaperone B
Database Link:	<a href="#">Entrez Gene 146862 Human Q8IWX7</a>

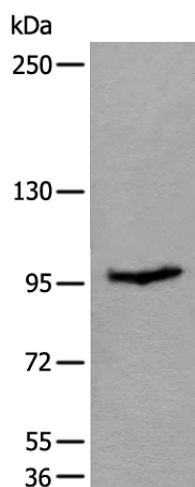
**Background:** This gene encodes a co-chaperone required for folding and accumulation of type II myosins. The protein consists of three tetratricopeptide repeat motifs at the N-terminus that form a complex with heat shock protein 90, a central region of unknown function that is conserved in all Unc-45 proteins, and a C-terminal Unc-45/Cro1/She4 domain. The protein is expressed at high levels in striated muscle, where its muscle myosin chaperone activity is dependent on heat shock protein 90 acting as a co-chaperone. A missense mutation in this gene has been associated with cataract development. Alternative splicing results in multiple transcript variants.



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Synonyms: CMYA4; FLJ38610; MGC119540; MGC119541; OTTHUMP00000163855; SMUNC45; UNC-45B; UNC45

### Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Mouse skeletal muscle tissue lysate  
Primary antibody: TA369792 (UNC45B Antibody)  
at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 20 seconds