

Datasheet for ABIN7245968

**anti-UNC45B antibody**[Go to Product page](#)**1** Image

## Overview

|              |                                       |
|--------------|---------------------------------------|
| Quantity:    | 200 µL                                |
| Target:      | UNC45B                                |
| Reactivity:  | Human, Mouse                          |
| Host:        | Rabbit                                |
| Clonality:   | Polyclonal                            |
| Conjugate:   | This UNC45B antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB)          |

## Product Details

|                  |                                |
|------------------|--------------------------------|
| Immunogen:       | Fusion protein of human UNC45B |
| Isotype:         | IgG                            |
| Characteristics: | Polyclonal Antibody            |
| Purification:    | Antigen affinity purification  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | UNC45B   |
| Alternative Name: | UNC45B ( <a href="#">UNC45B Products</a> )   |
| Background:       | <p>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</p> |

## Target Details

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.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 104/95 kDa

UniProt: [Q8IWX7](#)

## Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.8 mg/mL

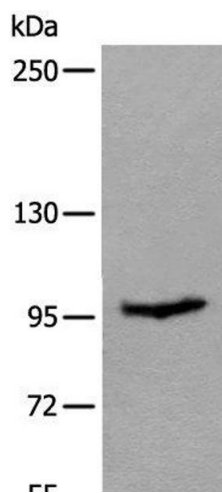
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of Mouse skeletal muscle tissue lysate using UNC45B Polyclonal Antibody at dilution of 1:600