

Datasheet for ABIN7252228  
**anti-UNC45B antibody**

## 2 Images

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## 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), Immunohistochemistry (IHC)

## 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, IHC 1:50-1:300, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.9 mg/mL

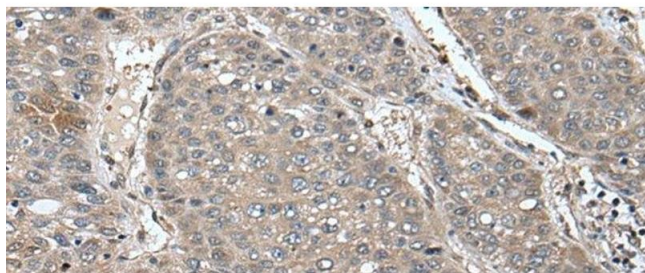
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

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

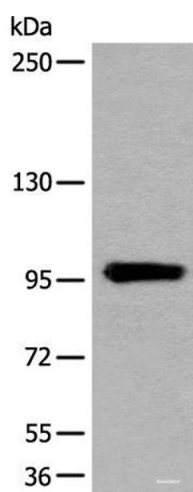
Storage: -20 °C

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



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using UNC45B Polyclonal Antibody at dilution of 1:65(x200)



#### Western Blotting

**Image 2.** Western blot analysis of Human heart tissue lysate using UNC45B Polyclonal Antibody at dilution of 1:600