

## 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:	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

## Target Details

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

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UniProt: [Q8IWX7](#)

## Application Details

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Application Notes: WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.9 mg/mL

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

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Preservative: Sodium azide

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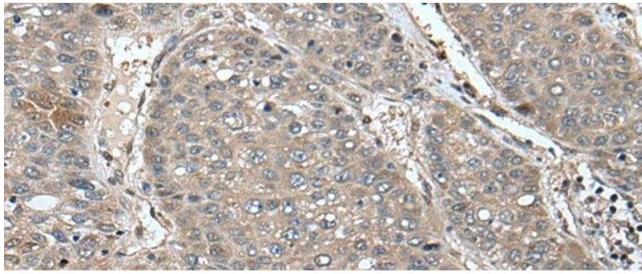
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

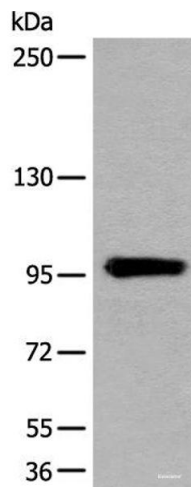
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### 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