

Anti-UNC45B antibody

Cat. No.	ml124167
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-UNC45B rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human UNC45B
Reactivity	Human, Mouse
Content	0.9 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	UNC45B
Full name	unc-45 myosin chaperone B
Synonyms	CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B
Swissprot	Q8IWX7

Target 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.

订购热线: 4008-898-798

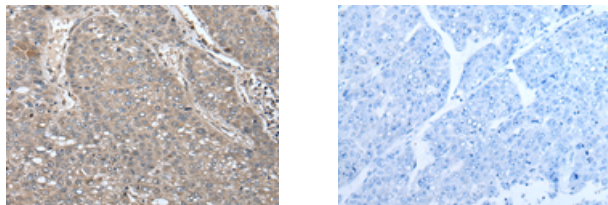
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml124167(UNC45B Antibody) at dilution 1/65, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 104/95 kDa

Positive control: Human heart tissue lysate

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

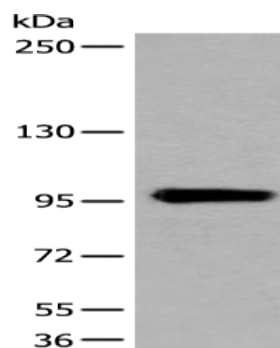
Lysate: 40 μ g

Lane: Human heart tissue lysate

Primary antibody: ml124167(UNC45B Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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