

UNC45B Antibody

Catalog No: #43617

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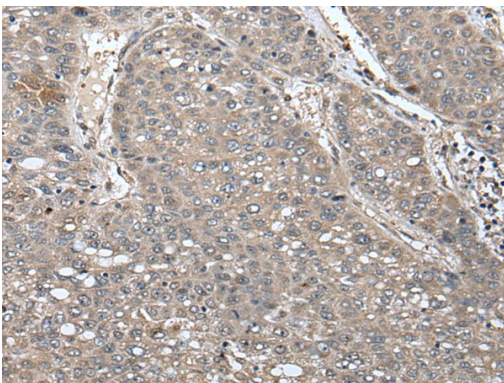
Description

Product Name	UNC45B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UNC45B protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human UNC45B
Target Name	UNC45B
Other Names	CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B
Accession No.	Swiss-Prot#: Q8IWX7NCBI Gene ID: 146862
Uniprot	Q8IWX7
GeneID	146862;
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 100-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using UNC45B Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)

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.

Note: This product is for in vitro research use only