

Rabbit anti-Human, Mouse UNC45B Polyclonal Antibody | anti-UNC45B antibody

UNC45B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176293	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

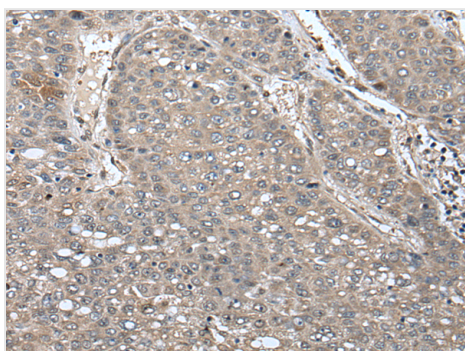
PRODUCT SYNONYMS

UNC45B; Polyclonal Antibody; UNC45B Polyclonal Antibody; Cardiomyopathy associated 4; CMYA4; FLJ38610; MGC119540; MGC119541; OTTHUMP00000163855; Protein unc 45 homolog B; Protein unc-45 homolog B; SMUNC45; Striated muscle UNC45; UN45B; Unc 45 homolog B (C. elegans); Unc 45 homolog B; UNC 45B; UNC-45B; UNC45; anti-UNC45B antibody

PRODUCT SPECIFICATIONS

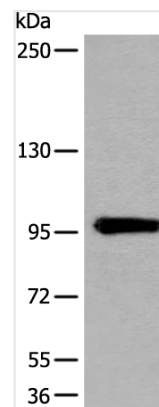
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.9mg/mL (varies by lot)
Sequence Length	931
Applicable Applications for anti-UNC45B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human UNC45B
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using UNC45B Polyclonal Antibody at dilution of 1:65(×200)



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-UNC45B antibody	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.
Product Categories/Family for anti-UNC45B antibody	Developmental Biology ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	74762485
NCBI GeneID	146862
UniProt Accession #	Q8IWX7
Molecular Weight	104; 95 kDa
NCBI Official Full Name	Protein unc-45 homolog B
NCBI Official Synonym Full Names	unc-45 myosin chaperone B
NCBI Official Symbol	UNC45B
NCBI Official Synonym Symbols	CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B
NCBI Protein Information	protein unc-45 homolog B
UniProt Protein Name	Protein unc-45 homolog B
UniProt Gene Name	UNC45B
UniProt Synonym Gene Names	CMYA4; UNC45; Unc-45B
UniProt Entry Name	UN45B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.