

Product datasheet for **TA365482**

UNC45B Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Human heart tissue lysate IHC: 50-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human UNC45B |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Predicted Protein Size: | 104/95 kDa |
| Gene Name: | unc-45 myosin chaperone B |
| Database Link: | Entrez Gene 146862 Human Q8IWX7 |



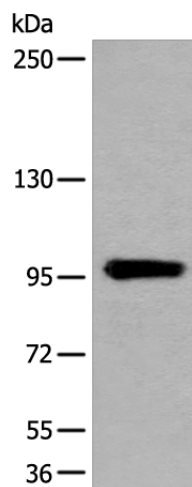
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Background:

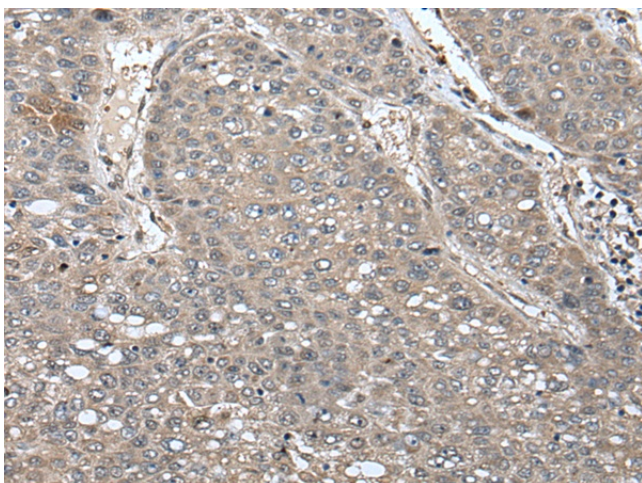
This gene encodes a co-chaperone required for folding and accumulation of type II myosins. The protein consists of three tetratricopeptide repeat motifs at the N-terminus that form a complex with heat shock protein 90, a central region of unknown function that is conserved in all Unc-45 proteins, and 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.

Synonyms:

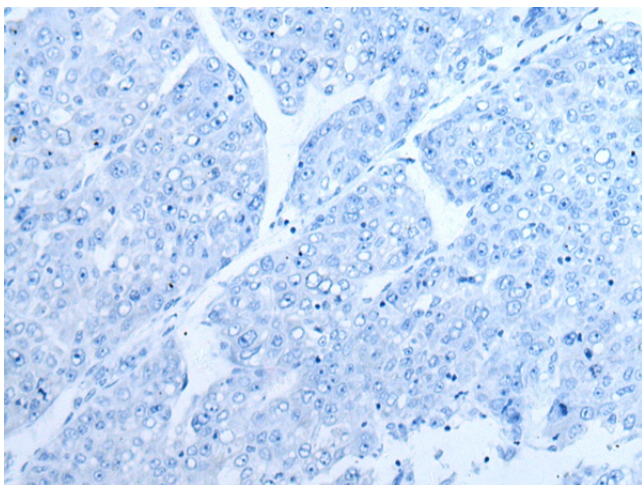
CMYA4; FLJ38610; MGC119540; MGC119541; OTTHUMP00000163855; SMUNC45; UNC-45B; UNC45

Product images:

Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Human heart tissue lysate
Primary antibody: TA365482 (UNC45B Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365482 (UNC45B Antibody) at dilution 1/65 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365482 (UNC45B Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: ×200)