

Product datasheet for **TA350194**

Myosin light chain 3 (MYL3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse heart tissue IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MYL3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	myosin light chain 3
Database Link:	NP_000249 Entrez Gene 17897 Mouse Entrez Gene 24585 Rat Entrez Gene 4634 Human P08590
Background:	MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy.
Synonyms:	CMH8; MLC1SB; MLC1V; VLC1

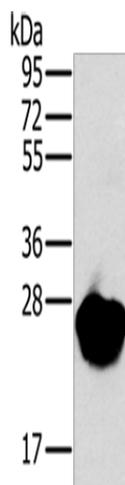


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Protein Families: Druggable Genome

Protein Pathways: Cardiac muscle contraction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)

Product images:



Gel: 10%SDS-PAGE

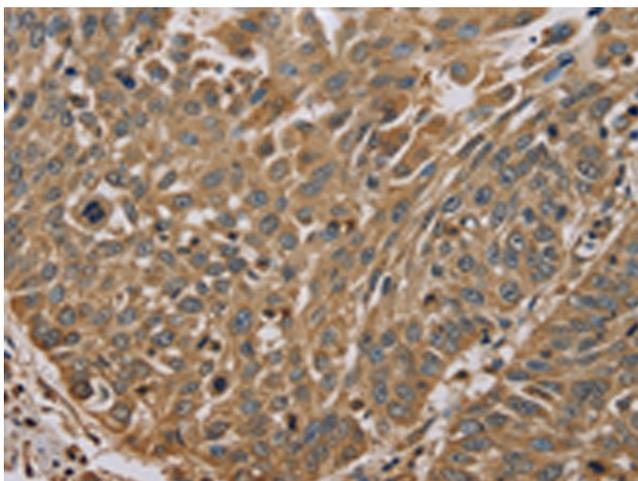
Lysate: 40 μ g

Lane: Mouse heart tissue

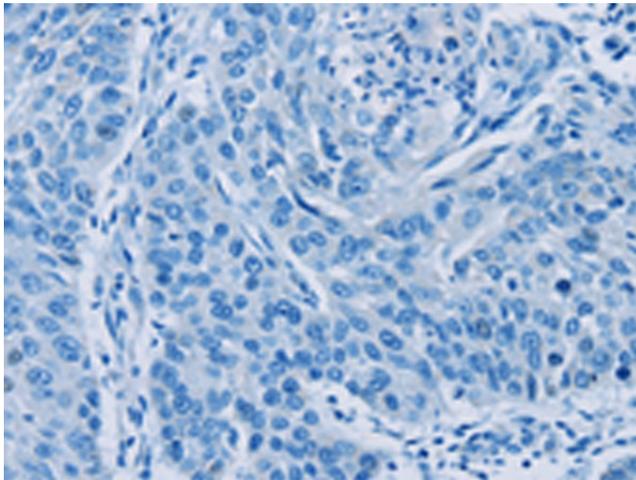
Primary antibody: TA350194 (MYL3 Antibody) at dilution 1/650

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

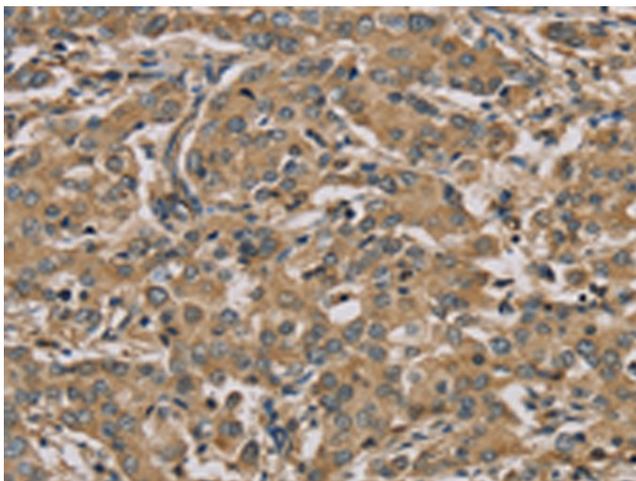
Exposure time: 10 seconds



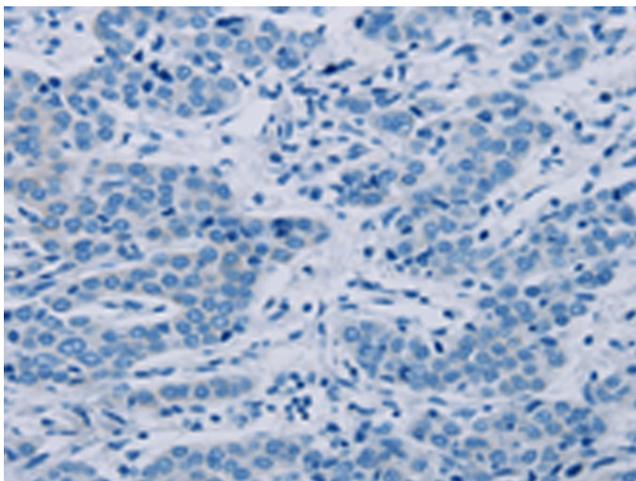
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA350194 (MYL3 Antibody) at dilution 1/45 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA350194 (MYL3 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350194 (MYL3 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350194 (MYL3 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)