

Anti-MYL7 Antibody

Catalog # AP59863

Product Information

Application	WB, IF/IC
Primary Accession	Q01449
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19448

Additional Information

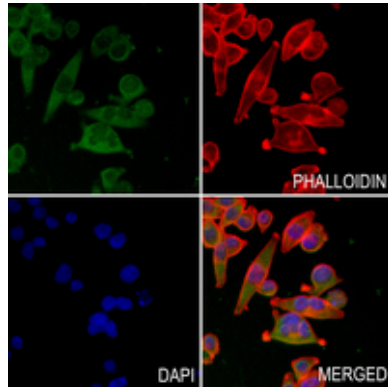
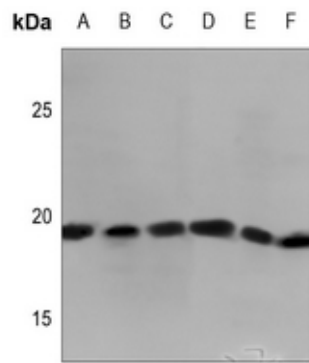
Gene ID	58498
Other Names	MYL2A; MYLC2A; Myosin regulatory light chain 2, atrial isoform; MLC-2a; MLC2a; Myosin light chain 2a; Myosin regulatory light chain 7
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYL7. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MYL7
Synonyms	MYL2A, MYLC2A
Tissue Location	Predominantly expressed in adult atrial muscle.

Images

Western blot analysis of MYL7 expression in HEK293T (A), DLD (B), U2OS (C), mouse spleen (D), rat kidney (E), rat spleen (F) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 19 kD)



Immunofluorescent analysis of MYL7 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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