

Product datasheet for **TA364524**

Myosin Light Chain 2 (MYL2) Rabbit Polyclonal Antibody

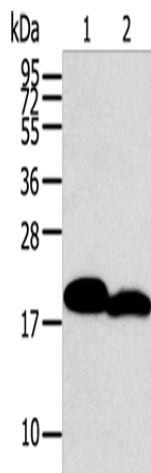
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse heart and skin tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MYL2
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:	19 kDa
Gene Name:	myosin light chain 2
Database Link:	Entrez Gene 4633 Human P10916
Background:	Thus gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca ⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. Mutations in this gene are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.
Synonyms:	CMH10; DKFZp779C0562; MLC-2; MLC-2v; MLC2



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Product images:



Gel: 12%SDS-PAGE

Lysate: 40 μ g

Lane 1-2: Mouse heart tissue

Mouse skin tissue

Primary antibody: TA364524 (MYL2 Antibody) at
dilution 1/400

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

Exposure time: 10 seconds