

## MYLK3

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**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 88kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human MYLK3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MLCK; MLCK2; caMLCK;

**Catalog #:** A6663

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 91807

**Isotype:** IgG

**Swiss Prot:** Q32MK0

**Purity:** Affinity purification

For research use only.

**Background:**

Phosphorylation of cardiac myosin heavy chains (see MYH7B, MIM 609928) and light chains (see MYL2, MIM 160781) by a kinase, such as MYLK3, potentiates the force and rate of cross-bridge recruitment in cardiac myocytes (Chan et al., 2008)

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