

## MYOZ2

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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:**29kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human MYOZ2

**Storage Buffer:**

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

**Synonym:**

CS-1; CMH16; C4orf5;

**Catalog #:**A6468

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**51778

**Isotype:**IgG

**Swiss Prot:**Q9NPC6

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.

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