

MYOZ2

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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