MYOZ2 Polyclonal Antibody

catalog number: **E-AB-52584**

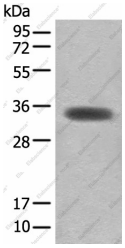
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot analysis of Mouse skeletal muscle tissue lysate using MYOZ2 Polyclonal Antibody at dilution of 1:450

Observed-MW:Refer to figures

Calculated-MW:30 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

MYOZ2 (Myozenin 2) is a Protein Coding gene. Diseases associated with MYOZ2 include Cardiomyopathy, Hypertrophic, 16 and Myoz2-Related Familial Hypertrophic Cardiomyopathy. GO annotations related to this gene include actin binding and telethonin binding. An important paralog of this gene is MYOZ1.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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