003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

MYOZ2 Polyclonal Antibody

Cat #: G-AB-06342

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: BC017402

Immunogen: Full length fusion protein

Conjugation: Unconjugated

Swissprot: Q9NPC6

Calculated Molecular Weight: 30 kDa

Observed Molecular Weight: Refer to figures

Concentration: 1.08 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,ELISA

Dilution: WB 1:500-1:2000, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.