
MYOZAP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254439

Unit: 0.1 mg

Description:

MYOZAP, also known as GRINL1A, is a 54kDa highly conserved cardiac protein. It is strongly expressed in the heart and lung and is a novel component of intercalated disc. MYOZAP interacts with myosin phosphatase γ RhoA interacting protein (MRIP) and acts as an activator of Rho-dependent SRF signaling. Knockdown study in zebrafish results in cardiomyopathy with severe dysfunction. The MYOZAP gene is part of a complex transcript unit that includes the gene for glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (GRINL1A). Transcription of this gene occurs at an upstream promoter, with two different groups of alternatively spliced variants: Gup for GRINL1A upstream transcripts and Gcom for GRINL1A combined transcripts.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Myocardium-enriched zonula occludens-1 interacting protein; glutamate receptor ionotropic N-methyl D-aspartate-like 1A; GRINL1A; GCOM1; Gup; Gup1

Accession No.: NP_001018110

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human MYOZAP.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

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

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.