

bs-24598R**[Primary Antibody]**

www.bioss.com.cn

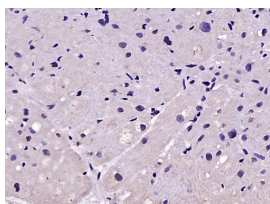
sales@bioss.com.cn

techsupport@bioss.com.cn

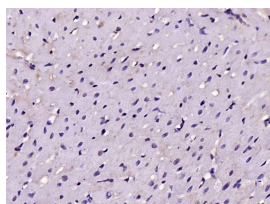
400-901-9800

Myozenin 1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 58529 Target: Myozenin 1 Immunogen: KLH conjugated synthetic peptide derived from human Myozenin 1: 1-100/299. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. MYOZ (Myozenin 1) plays an important role in the modulation of calcineurin signaling. MYOZ1 may play a role in myofibrillogenesis. MYOZ1 interacts with ACTN2, ACTN3, FLNA, FLNB, FLNC, LDB3, PPP3CA and TCAP and interacts via its C-terminal region with MYOT. MYOZ1 is localized to the nucleus and pseudopodia of undifferentiated cells and detected throughout the myotubes of differentiated cells. MYOZ1 colocalizes with ACTN2, FLNC and MYOT at the Z-lines of skeletal muscle. MYOZ1 is expressed primarily in skeletal muscle and specifically enriched in the gastrocnemius, which is composed predominantly of fast-twitch muscle fibers.	Isotype: IgG SWISS: Q9NP98 Applications: IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 31 kDa Subcellular Location: Nucleus
---	--

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Myozenin 1) Polyclonal Antibody, Unconjugated (bs-24598R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Myozenin 1) Polyclonal Antibody, Unconjugated (bs-24598R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.