

bs-9622R**[Primary Antibody]****BioSS**
ANTIBODIES

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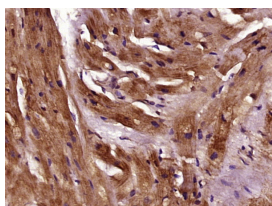
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Tropomyosin Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat, Sheep, Zebrafish, Dog) Predicted MW.: 33 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 7168	SWISS: P09493	
Target: Tropomyosin		
Immunogen: KLH conjugated synthetic peptide derived from human Tropomyosin: 201-284/284.		
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: Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human myocardial); 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 (Tropomyosin) Polyclonal Antibody, Unconjugated (bs-9622R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.6]** Rong Tang. et al. Single-cell transcriptomics uncover hub genes and cell-cell crosstalk in patients with hypertensive nephropathy. INT IMMUNOPHARMACOL. 2023 Dec;125:111104 IHC ;Human,Mouse. 10.1016/j.intimp.2023.111104