

bs-9468R**[Primary Antibody]****Bioss**
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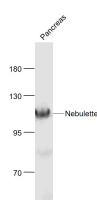
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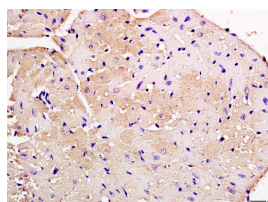
400-901-9800

Nebulette Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 10529	SWISS: O76041	IHC-F (1:100-500)
Target: Nebulette		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Nebulette: 321-420/1014.		Reactivity: Mouse (predicted: Human, Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 116 kDa
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.		Subcellular Location: Cytoplasm
Background: Nebulette binds to actin and plays an important role in Z-disk assembly. It is a cardiac homolog of nebulin and its expression is abundant in cardiac muscle. Nebulette defects are associated with non-familial idiopathic cardiomyopathy. Nebulin and nebulette are homologous thin-filament associated proteins expressed in skeletal and cardiac muscles, respectively. Nebulette, unlike nebulin, is confined to the Z-disc region of the sarcomere and does not span the whole thin filament length. Nebulette colocalizes with α -actinin in the pre-, nascent, and mature myofibrils. A polymorphism in the actin-binding motif of nebulette is a genetic marker of susceptibility to nonfamilial idiopathic dilated cardiomyopathy (IDC), characterized by a thin-walled heart and systolic dysfunction.		

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
 Primary: Anti- Nebulette (bs-9468R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 116 kD Observed band size: 116 kD



Tissue/cell: mouse heart tissue; 4%
 Paraformaldehyde-fixed and paraffin-
 embedded; Antigen retrieval: citrate buffer (
 0.01M, pH 6.0), Boiling bathing for 15min; Block
 endogenous peroxidase by 3% Hydrogen
 peroxide for 30min; Blocking buffer (normal goat
 serum,C-0005) at 37°C for 20 min; Incubation:
 Anti-Nebulette Polyclonal Antibody,
 Unconjugated(bs-9468R) 1:200, overnight at 4°C,
 followed by conjugation to the secondary
 antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=3.386]** Ying He. et al. Bioinformatics Profiling and Experimental Validation of 4 Differentially-Expressed LIM Genes in the Course of Colorectal-Adenoma-Carcinoma. MED SCI MONITOR. 2022; 28: e937081-1–e937081-17 IHC ;Human. 35854639