

Nebulette Polyclonal Antibody

Catalog: BS65465

Host: Rabbit

Reactivity: Human, Mouse, Rat,

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.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

116 kD

Swiss-Prot:

O76041

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

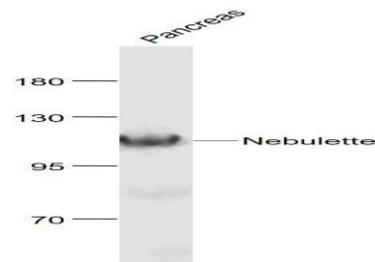
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Nebulette Polyclonal Antibody detects endogenous levels of Nebulette protein.

DATA:



Primary: Anti- Nebulette at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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