

ARG45824 anti-Nebulette antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Nebulette
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Nebulette
Species	Human
Immunogen	Recombinant protein containing to human Nebulette.
Conjugation	Un-conjugated
Alternate Names	NEBL; Nebulette; LNEBL; BA165O3.1; C10orf113; LASP2; Actin-Binding Z-Disk Protein; LIM And SH3 Protein 2; LIM-Nebulette; Chromosome 10 Open Reading Frame 113

Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	126 kDa	

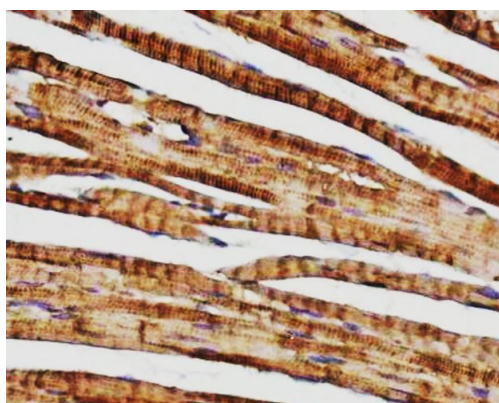
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

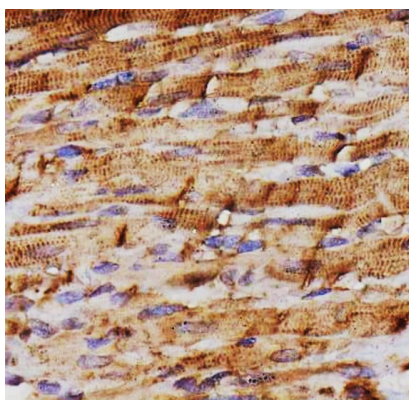
Gene Symbol	NEBL
Gene Full Name	Nebulette
Background	This gene encodes a nebulin like protein that is abundantly expressed in cardiac muscle. The encoded protein binds actin and interacts with thin filaments and Z-line associated proteins in striated muscle. This protein may be involved in cardiac myofibril assembly. A shorter isoform of this protein termed LIM nebulette is expressed in non-muscle cells and may function as a component of focal adhesion complexes. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
Function	Binds to actin and plays an important role in the assembly of the Z-disk. May functionally link sarcomeric actin to the desmin intermediate filaments in the heart muscle sarcomeres. [UniProt]
Calculated Mw	126 kDa
PTM	Methylation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



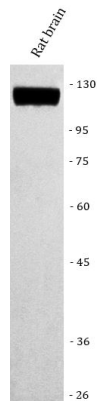
ARG45824 anti-Nebulette antibody IHC-P image

Immunohistochemistry: Mouse heart stained with ARG45824 anti-Nebulette antibody at 2 µg/ml dilution.



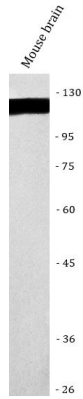
ARG45824 anti-Nebulette antibody IHC-P image

Immunohistochemistry: Rat heart stained with ARG45824 anti-Nebulette antibody at 2 µg/ml dilution.



ARG45824 anti-Nebulette antibody WB image

Western blot: Rat brain stained with ARG45824 anti-Nebulette antibody at 0.5 µg/ml dilution.



ARG45824 anti-Nebulette antibody WB image

Western blot: Mouse brain stained with ARG45824 anti-Nebulette antibody at 0.5 µg/ml dilution.