10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Artn Polyclonal Antibody
Catalog # AP74148

Specification

Artn Polyclonal Antibody - Product Information

Application	**IHC-P**
Primary Accession	Q5T4W7
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Artn Polyclonal Antibody - Additional Information

Gene ID 9048

Other Names
Artemin (Enovin) (Neublastin)

Dilution
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Artn Polyclonal Antibody - Protein Information

Name ARTN {ECO:0000303|PubMed:9883723, ECO:0000312|HGNC:HGNC:727}

Function
Growth factor that supports the survival of sensory and sympathetic peripheral neurons in culture and also supports the survival of dopaminergic neurons of the ventral mid-brain (PubMed:10583383, PubMed:9883723). Acts by binding to its coreceptor, GFRA3, leading to autophosphorylation and activation of the RET receptor (PubMed:31535977). Strong attractant of gut hematopoietic cells thus promoting the formation Peyer's patch-like structures, a major component of the gut-associated lymphoid tissue (By similarity).

Cellular Location
Secreted.

Tissue Location
Ubiquitous. Expressed at high levels in peripheral tissues including prostate, placenta, pancreas, heart, kidney, pituitary gland, lung and testis. Expressed at low levels in the brain

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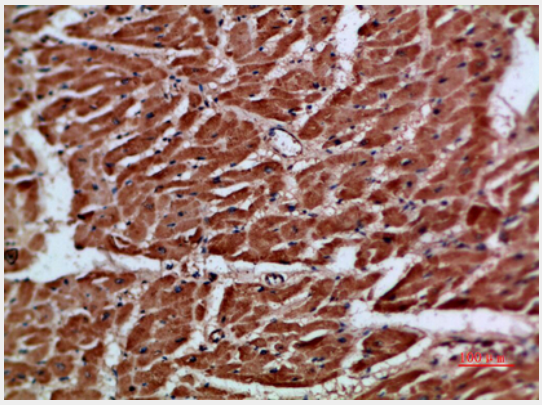
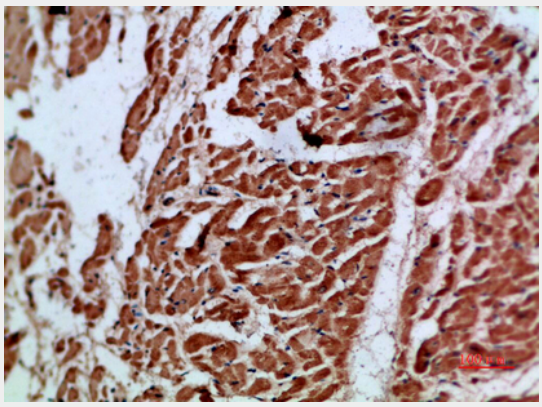
Artn Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Artn Polyclonal Antibody - Images





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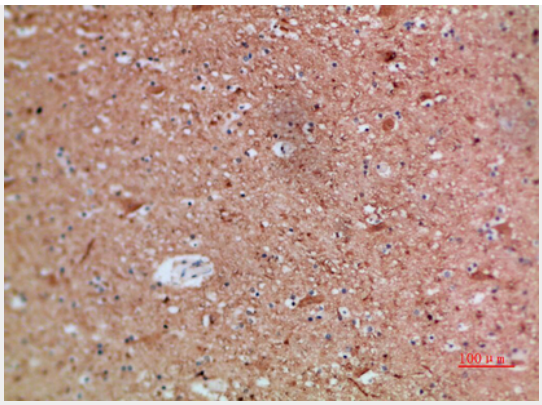

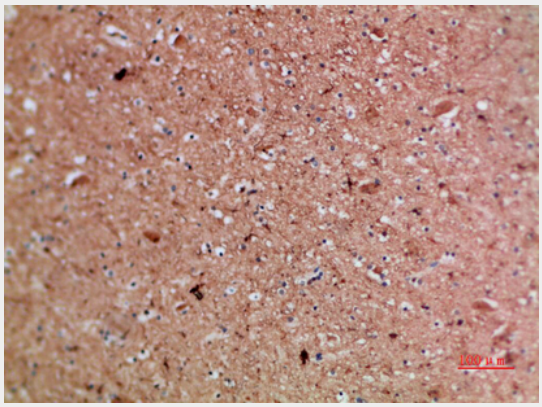

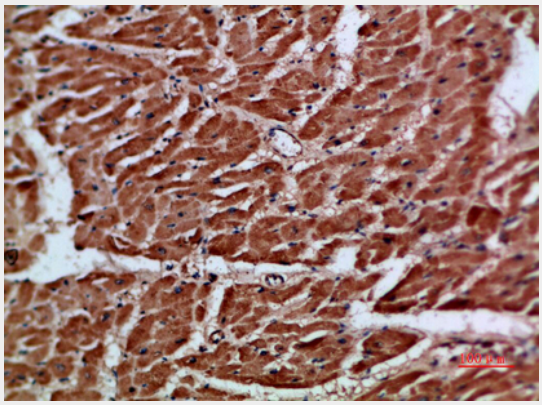

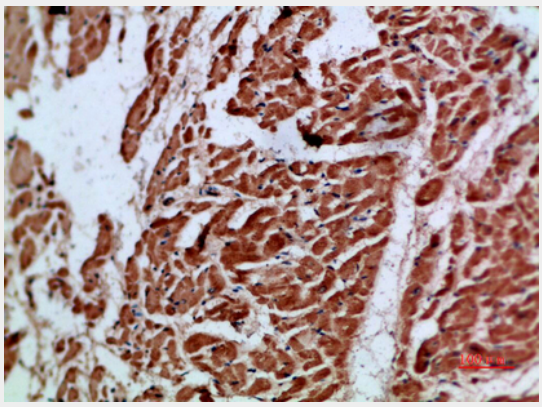

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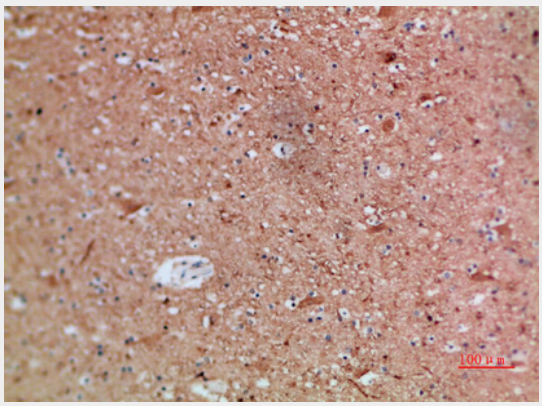

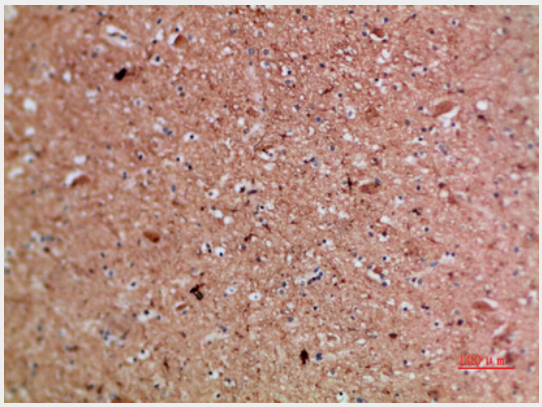

Artn Polyclonal Antibody - Background

Ligand for the GFR-alpha-3-RET receptor complex but can also activate the GFR-alpha-1-RET receptor complex. Supports the survival of sensory and sympathetic peripheral neurons in culture and also supports the survival of dopaminergic neurons of the ventral mid-brain. Strong attractant of gut hematopoietic cells thus promoting the formation Peyer's patch-like structures, a major component of the gut-associated lymphoid tissue.