

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°C

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

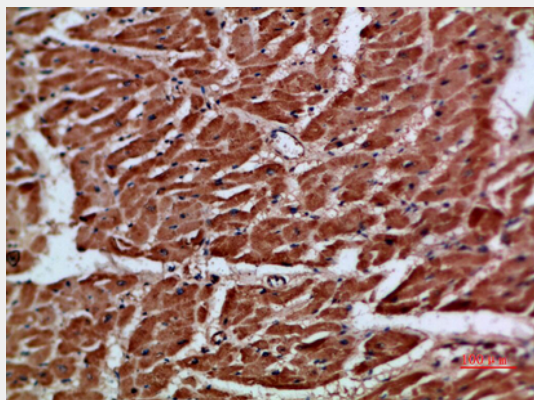
Ubiquitous. Expressed at high levels in peripheral tissues including prostate, placenta, pancreas, heart, kidney, pituitary gland, lung and testis. Expressed at low levels in the brain

Artn Polyclonal Antibody - Protocols

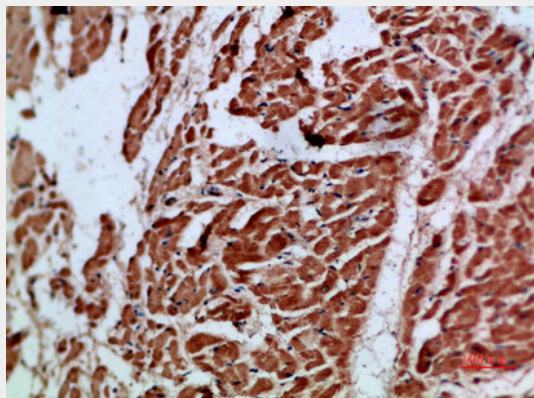
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

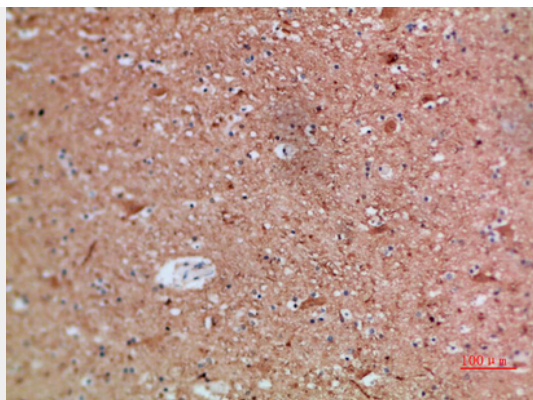
Artn Polyclonal Antibody - Images



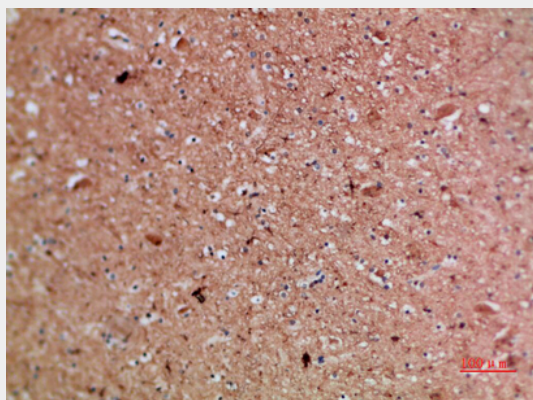
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200



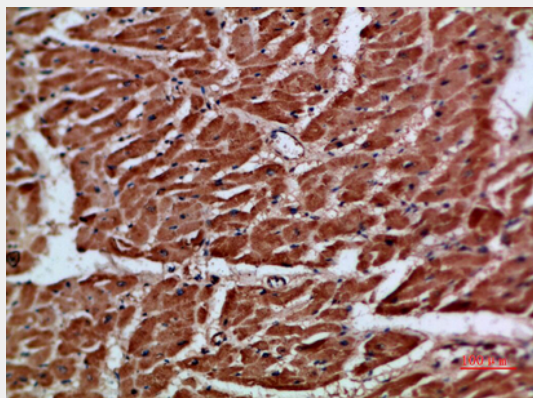
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200



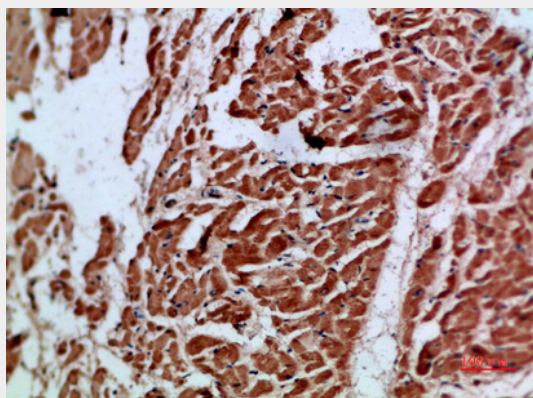
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



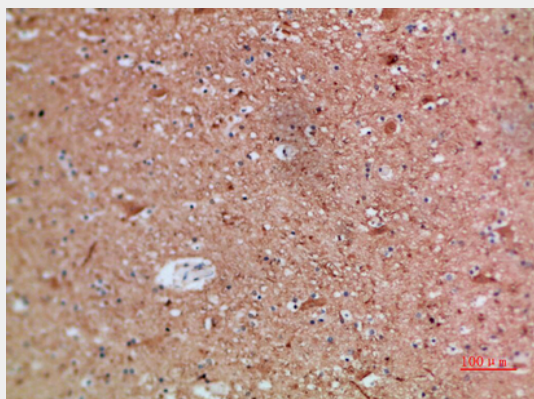
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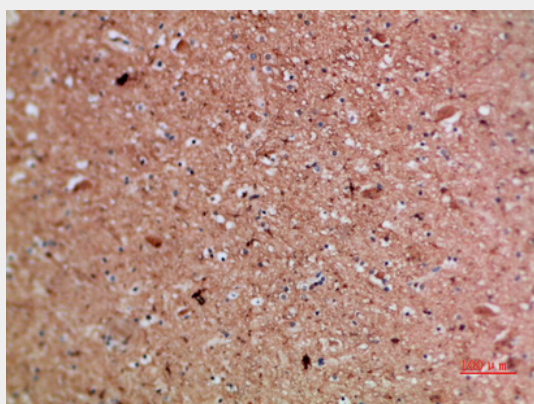
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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

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.