

Anti-ARTN / Artemin Antibody (aa127-140)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17660

Product Information

Application	WB, IHC-P
Primary Accession	Q5T4W7
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	22878
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	9048
Alias Symbol	ARTN
Other Names	ARTN, ENOVIN, EVN, Neurotrophic factor, Artemin, Neublastin
Target/Specificity	Internal sequence [GPGSRARAAGARGC] of human Artemin
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-ARTN / Artemin Antibody (aa127-140) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.