ARTN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARTN, Polyclonal Antibody
Full Product Name	ARTN Antibody, Biotin conjugated
Product Gene Name	anti-ARTN antibody
Product Synonym Names	Artemin; Enovin; Neublastin; ARTN; EVN
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ARTN (MBS7104765) Biotin Conjugated Antibody: ARTN (MBS7104768)
Molecular Weight	23,616 Da
OMIM	AF109401 mRNA
3D Structure	ModBase 3D Structure for Q5T4W7
Immunogen	Recombinant Human Artemin protein (108-220AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ARTN antibody	Neuroscience
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARTN antibody	ELISA (EIA)
Related Product Information for anti-ARTN antibody	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.
Other Notes	Small volumes of anti-ARTN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ARTN purchase	MBS7104768 is an antibody targeting ARTN. Also known as ARTN Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARTN. It may not necessarily be applicable to this product.

NCBI GI #	209977029
NCBI GeneID	9048
NCBI Accession #	NP_001129687.1
UniProt Primary Accession #	Q5T4W7
UniProt Secondary Accession #	O95441; O96030; Q6P6A3; D3DPY1; D3DPY3
UniProt Related Accession #	Q5T4W7
GenBank Nucleotide #	NM_001136215.1
NCBI Official Full Name	artemin isoform 3
NCBI Official Synonym Full Names	artemin
NCBI Official Symbol	ARTN
NCBI Official Synonym Symbols	ART; EVN; NBN; ENOVIN
UniProt Protein Name	Artemin
UniProt Synonym Protein Names	Enovin; Neublastin
UniProt Gene Name	ARTN
UniProt Synonym Gene Names	EVN
NCBI Protein Information	artemin
NCBI Summary for ARTN	This gene encodes a secreted ligand of the glial cell line-derived neurotrophic factor (GDNF) subfamily and TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein signals through the RET receptor and GFR alpha 3 coreceptor, and supports the survival of a number of peripheral neuron populations and at least one population of dopaminergic CNS neurons. This protein has also been shown to promote tumor growth, metastasis, and drug resistance in mammary carcinoma. [provided by RefSeq, Aug 2016]
Research Articles on ARTN	**1.** AhR activation and ARTN expression were positively correlated in the epidermis of patients with atopic dermatitis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.