

ARTN Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3303a**Specification**

ARTN Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q5T4W7
Other Accession	NP_003967.2 , NP_476501.1 , NP_476431.2 , 9048 , 11876 (mouse) , 362572 (rat)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	22878

ARTN Antibody (internal region) - Additional Information**Gene ID** 9048**Other Names**

Artemin, Enovin, Neublastin, ARTN, EVN

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARTN Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ARTN Antibody (internal region) - 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

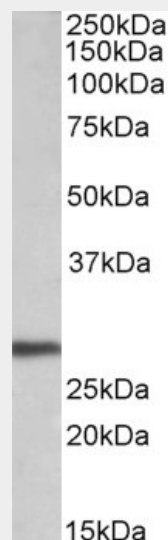
Ubiquitous. Expressed at high levels in peripheral tissues including prostate, placenta, pancreas, heart, kidney, pituitary gland, lung and testis. Expressed at low levels in the brain

ARTN Antibody (internal region) - 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 Antibody (internal region) - Images



AF3303a (0.1 µg/ml) staining of HEK293 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ARTN Antibody (internal region) - Background

This antibody is expected to recognize all reported isoforms (NP_003967.2; NP_476501.1; NP_476431.2). Reported variants represent identical protein: NP_476431.2, NP_001129687.1
Reported variants represent identical protein: NP_003967.2, NP_476432.2

ARTN Antibody (internal region) - References

Artemin stimulates oncogenicity and invasiveness of human endometrial carcinoma cells. Pandey V, Qian PX, Kang J, Perry JK, Mitchell MD, Yin Z, Wu ZS, Liu DX, Zhu T, Lobie PE, Endocrinology 2010 Mar 151 (3): 909-20. PMID: 20118197