

Artn Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP14339

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic peptide from human protein at AA range: 101-150

Mol wt N/A

Species reactivity Human, Rat, Mouse

Clonality Polyclonal

Recommended application IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Artemin

Synonyms Artemin ;Enovin; Neublastin; Artemin; Enovin; Neublastin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

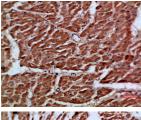
Recommended Dilution

IHC-p: 1: 50 - 1: 200

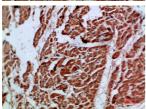
ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

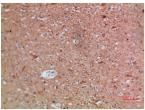
Image

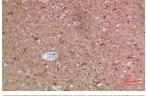


Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200



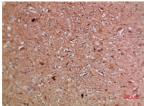
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:200





 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ human-brain,\ antibody\ was\ diluted\ at\ 1:200$

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Storage -20°C for 1 year

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