

Artemin Rabbit pAb
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Catalog # AP94144**Specification**

Artemin Rabbit pAb - Product Information

Application	WB, IHC-P
Primary Accession	O9Z0L2
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23726

Artemin Rabbit pAb - Additional Information**Gene ID** 11876**Other Names**

Artemin, Artn {ECO:0000303|PubMed:9883723, ECO:0000312|MGI:MGI:1333791}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Artemin Rabbit pAb - Protein Information**Name** Artn {ECO:0000303|PubMed:9883723, ECO:0000312|MGI:MGI:1333791}**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 (By similarity). Acts by binding to its coreceptor, GFRA3, leading to autophosphorylation and activation of the RET receptor (PubMed:15204970). Strong attractant of gut hematopoietic cells thus promoting the formation Peyer's patch-like structures, a major component of the gut-associated lymphoid tissue (PubMed:17322904).

Cellular Location

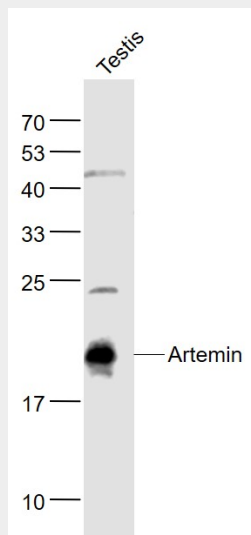
Secreted.

Artemin Rabbit pAb - Protocols

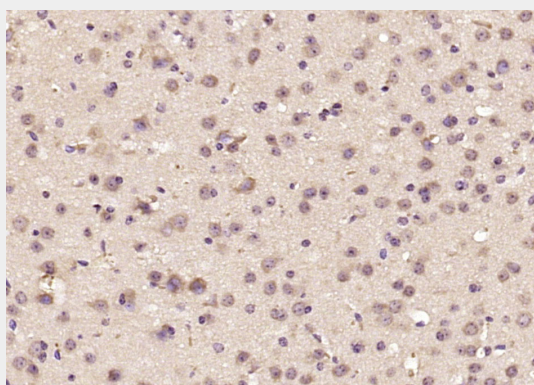
Provided below are standard protocols that you may find useful for product applications.

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

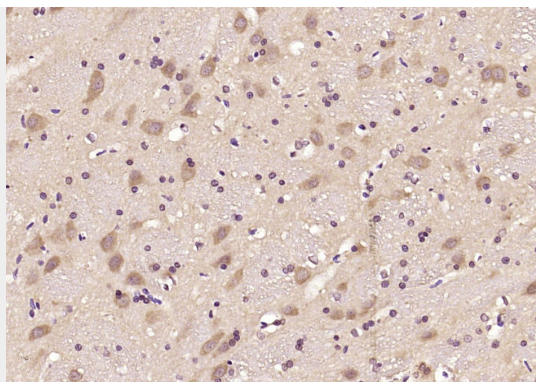
Artemin Rabbit pAb - Images



Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti- Artemin (AP94144) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 12/19 kD
Observed band size: 19 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Artemin) Polyclonal Antibody, Unconjugated (AP94144) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Artemin) Polyclonal Antibody, Unconjugated (AP94144) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Artemin Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.