

Code No. 28043

Anti-SEP1 Rabbit IgG Affinity PurifyVolume : 100 µg

Introduction : *SEP1* has been reported by group of Takahashi, as a gene enhancing its expression by stimulation by a neurotrophic factor, GDNF. Though *SEP1* is found in every organ, it is located at neurite of neuroblastoma cells of which differentiation is induced by GDNF, and *SEP1* expression has been confirmed in many of neurons in an organism. That indicates a possibility that *SEP1* relates to neural functions.

Antigen : Synthetic peptide of the part of Human *SEP1*

Purification : Purified with antigen peptide

Form : Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C

Application : This antibody can be stained in frozen sections fixed by 4 % PFA in PBS by several Immunohistochemical techniques such as Avidin Biotin Complex (ABC) Method. The optimal dilution is about 1 µg/mL, however, the dilution rate should be optimized by each laboratories.
: This antibody can be used for western blotting in concentration about 0.1 µg /mL.
: This antibody can be used for immuno-precipitation in concentration about 1 µg /mL.

Specificity : React with human and mouse *SEP1*

Reference : 1. Shimoyama Y, Morikawa Y, Ichihara M, Kodama Y, Fukuda N, Hayashi H, Morinaga T, Iwashita T, Murakumo Y, Takahashi M. Identification of human *SEP1* as a glial cell line-derived neurotrophic factor-inducible protein and its expression in the nervous system. *Neuroscience*. 2003;121(4):899-906.

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