IBL Data Sheet

Code No. 28043

Anti-
SEP1 Rabbit IgG Affinity Purify

Volume : 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% NaN_3

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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