

90 × 210mm サイズ

FUJIFILM

Wako

Code No. 017-27351 (10 μ L)
013-27353 (50 μ L)

Anti 2N-Tau, Rat Monoclonal Antibody (2C2)
抗 2N-Tau, ラットモノクローナル抗体 (2C2)

Background

Tau is a microtubule-associated protein, mainly expressed in neurons in the central nervous system, and regulates stabilization of microtubules¹⁾. In the brain of Alzheimer's disease patients, neurofibrillary tangles are formed which are composed of accumulated phosphorylated forms of Tau. The degree of these tangles correlates to severity of dementia¹⁾. Based on this finding, Tau has been investigated to find out the etiology and to discover drugs for Alzheimer's disease. Tau has 6 isoforms : 2N4R (Tau-441), 2N3R (Tau-410), 1N4R (Tau-412), 1N3R (Tau-381), 0N4R (Tau-383), and 0N3R (Tau-352)¹⁾. This product is an antibody that specifically recognizes 2N4R and 2N3R Tau isoforms.

Description

[Reactivity] Reacts with 2N4R and 2N3R Tau isoforms
[Antigen] Recombinant full length of human Tau 2N4R isoform (Tau-441)
[Species cross reactivity] Human
Other species have been not tested.
[Clone No.] 2C2
[Host] Rat
[Isotype] IgM, κ
[Concentration] Indicated on the label
[Formulation] PBS with 50% Glycerol and 0.05% ProClin300

Applications

Western Blot 1 : 1,000
Immunohistochemistry 1 : 100-1,000

Optimal concentration should be determined by each laboratory for each application.

Storage

Store at -20 °C.
Avoid repeated freeze and thaw.

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Package

| Code No. | Packaging |
|-----------|------------|
| 017-27351 | 10 μ L |
| 013-27353 | 50 μ L |

Reference

1) Liu, F., et al. : *Mol Neurodegener.* **3**, 8 (2008).

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