

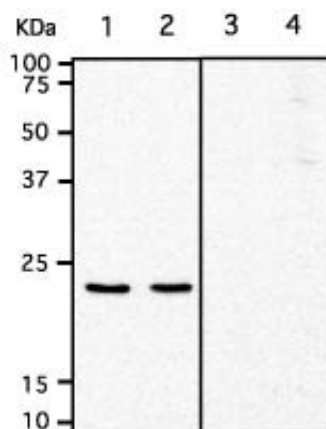
## Anti Mouse Addicisin Polyclonal Antibody

Addicisin (also named GTRAP3-18) was identified as novel gene upregulated in mouse amygdala with morphine tolerant and dependent state. (Ref.1,2) On the other hand, GTRAP3-18 is newly identified protein of its rat homolog which encodes a putative modulator of neural glutamate-transporter EAAC1.

Addicisin is involved in regulating glutamate content in brain and it might be a key molecule of neuroplasticity and the neuropathology of addiction of drug, dementia, epilepsy, etc.

This antibody was established from the purified serum immunized with partial peptide of mouse addicisin. This antibody is useful for western blotting and immunohistochemistry.

Package Size	25 $\mu$ g (100 $\mu$ L/vial)
Format	Rabbit polyclonal antibody 0.25mg/mL
Buffer	Block Ace as a stabilizer, containing 0.1% Proclin as a bacteriostat
Storage	Below $-20^{\circ}$ C
Purification method	This antibody was purified from rabbit serum by affinity chromatography.
Working dilution	For western blotting ; 1 ~ 5 $\mu$ g/mL For Immunohistochemistry ; 0.5 ~ 2 $\mu$ g/mL



### Western blotting

Sample: mouse brain (ddY strain, male, 6 weeks) homogenate

Lane 1, 2: anti-Addicisin antibody

Lane 3, 4: anti-Addicisin antibody preabsorbed with antigen peptide)

### Preparation of antibodies and instruction

Dr.Ikemoto M. at Age Dimension Group, Age Dimension Research Center, National Institute of Advanced Industrial and Technology.

## Anti Mouse Addicisin Polyclonal Antibody

### [Reference]

1. Ikemoto MJ, et al. ; Neuroreport 16, 2079-2084, 2002.
2. Ikemoto M, et al. ; Nature Medicine 6, 910-915, 2000.
3. Lin CI, et al. ; Nature 410, 84-88, 2001.

### Manufacturer



7-1-14 Minatojimaminami-machi, Chuo-ku, Kobe, Japan 650-0047

Telephone: +81-78-306-0295      FAX: +81-78-306-0296

URL: <http://www.transgenic.co.jp>      [techstaff@transgenic.co.jp](mailto:techstaff@transgenic.co.jp)