

## MRAP2 antibody

### Product Information

|               |  |
|---------------|--|
| Catalog No.:  | FNab05304  |
| Size:         | 100µg  |
| Form:         | liquid   |
| Purification: | Immunogen affinity purified  |
| Purity:       | ≥95% as determined by SDS-PAGE   |
| Host:         | Rabbit   |
| Clonality:    | polyclonal   |
| Clone ID:     | None   |
| IsoType:      | IgG  |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

### Background

Modulator of melanocortin receptor 4(MC4R), a receptor involved in energy homeostasis. Plays a central role in the control of energy homeostasis and body weight regulation by increasing ligand-sensitivity of MC4R and MC4R-mediated generation of cAMP(By similarity). May also act as a negative regulator of MC2R: competes with MRAP for binding to MC2R and impairs the binding of corticotropin(ACTH) to MC2R. May also regulate activity of other melanocortin receptors(MC1R, MC3R and MC5R); however, additional evidences are required in vivo.

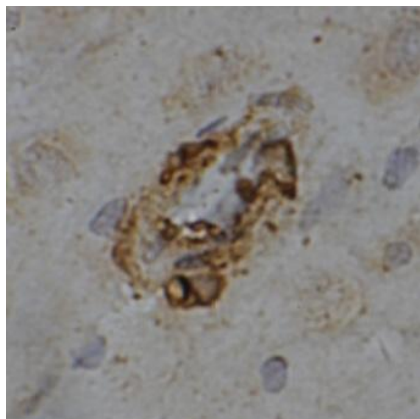
### Immunogen information

|              |   |
|--------------|---|
| Immunogen:   | melanocortin 2 receptor accessory protein 2   |
| Synonyms:    | Melanocortin-2 receptor accessory protein 2 (MC2R accessory protein 2) MRAP2 C6orf117 |
| Observed MW: | None  |
| Uniprot ID : | Q96G30  |

### Application

|                       |                   |
|-----------------------|-------------------|
| Reactivity:           | Human, Mouse, Rat |
| Tested Application:   | ELISA, IHC        |
| Recommended dilution: | IHC: 1:20-1:200   |

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab05304(MRAP2 antibody) at dilution of 1:50