

## anti- Aldolase C antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab00303   |
| 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

Fructose-bisphosphate aldolase C (ALDOC) reversibly cleaves FBP and F1-P to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate and is strongly expressed in mammalian brain together with ALDOA and is also present in the heart and spleen of some species (PMID:9363598). It is involved in glycolysis as an important enzyme. Phospholipase D2 and inositol 1,4,5-triphosphate interact with ALDOC in signal transduction. Meanwhile, the protein expression of ALDOC has been reported to be regulated in brain tumor, hepatomas, and lung cancer (PMID:21548097).

### Immunogen information

|              |  |
|--------------|--|
| Immunogen:   | aldolase C, fructose-bisphosphate  |
| Synonyms:    | ALDOC, Aldolase C, Brain type aldolase, Fructose bisphosphate aldolase C |
| Observed MW: | 39 kDa   |
| UniprotID :  | P09972   |

### Application

#### Wuhan Fine Biotech Co., Ltd.

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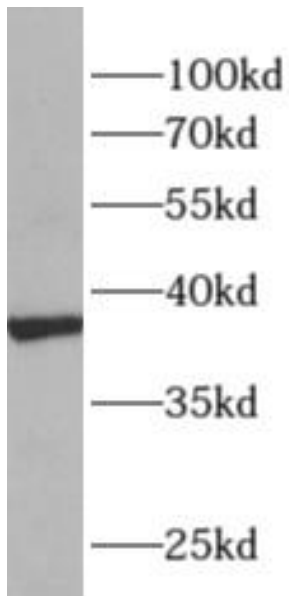
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:5000; IF: 1:10-1:100

Image:



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with FNab00303(ALDOC antibody) at dilution of 1:800

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