

## anti- CISD2 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab01718   |
| 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

Regulator of autophagy that contributes to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of BCL2 with BECN1 and is required for BCL2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy. Contributes to BIK-initiated autophagy, while it is not involved in BIK-dependent activation of caspases. Involved in life span control, probably via its function as regulator of autophagy.

### Immunogen information

|              |                            |
|--------------|----------------------------|
| Immunogen:   | CDGSH iron sulfur domain 2 |
| Synonyms:    | CDGSH2, ERIS, ZCD2         |
| Observed MW: | 13-15 kDa                  |
| UniprotID :  | Q8N5K1                     |

### Application

|                       |   |
|-----------------------|---|
| Reactivity:           | Human, Mouse, Rat   |
| Tested Application:   | ELISA, WB, IHC, IF, IP  |
| Recommended dilution: | WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200 |

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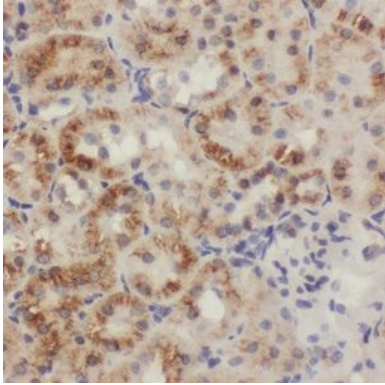
### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

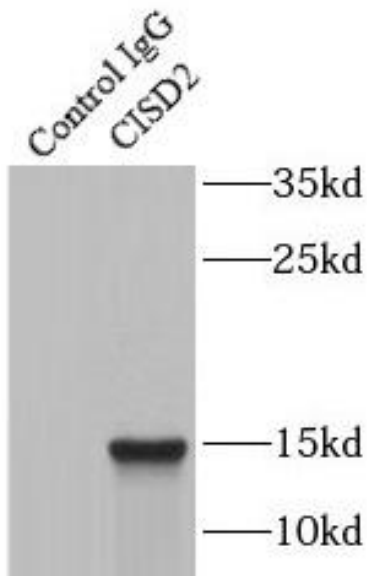
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Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab01718(CISD2 antibody) at dilution of 1:100



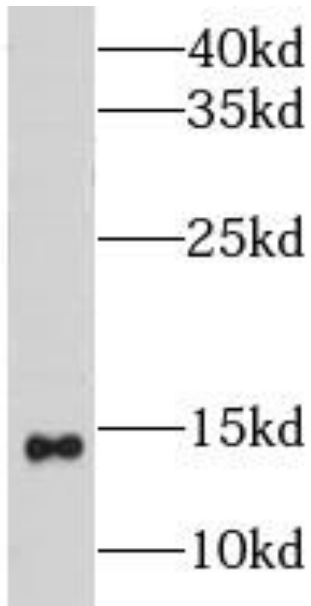
IP Result of anti-CISD2 (IP:FNab01718, 3ug; Detection:FNab01718 1:700) with mouse brain tissue lysate 4000ug.

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mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab01718(CISD2 antibody) at dilution of 1:1000