

## anti- UBE2O antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab09181   |
| 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

E2/E3 hybrid ubiquitin-protein ligase that displays both E2 and E3 ligase activities and mediates monoubiquitination of target proteins(PubMed:23455153, PubMed:24703950). Negatively regulates TRAF6-mediated NF-kappa-B activation independently of its E2 activity(PubMed:23381138). Acts as a positive regulator of BMP7 signaling by mediating monoubiquitination of SMAD6, thereby regulating adipogenesis(PubMed:23455153). Mediates monoubiquitination at different sites of the nuclear localization signal(NLS) of BAP1, leading to cytoplasmic retention of BAP1. Also able to monoubiquitinate the NLS of other chromatin-associated proteins, such as INO80 and CXXC1, affecting their subcellular location(PubMed:24703950). Acts as a regulator of retrograde transport by assisting the TRIM27:MAGEL2 E3 ubiquitin ligase complex to mediate 'Lys-63'-linked ubiquitination of WASH1, leading to promote endosomal F-actin assembly(PubMed:23452853).

### Immunogen information

|              |   |
|--------------|---|
| Immunogen:   | ubiquitin-conjugating enzyme E2O  |
| Synonyms:    | E2-230K, FLJ12878, KIAA1734, UBE2O, Ubiquitin carrier protein O, Ubiquitin protein ligase O |
| Observed MW: | 141 kDa   |
| UniprotID :  | Q9C0C9  |

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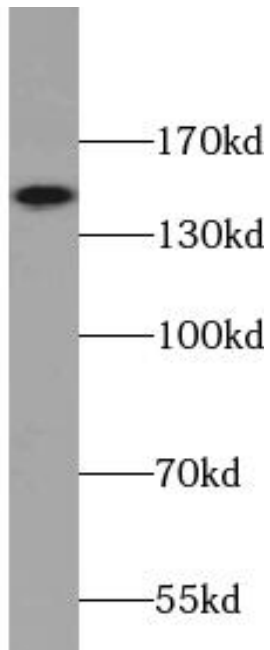
## Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09181(UBE2O antibody) at dilution of 1:500

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