For research purposes only, not for human use

# Product Data Sheet

# Anti-AP1-mu-2 Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CQA1768 | Rabbit | H, M | WB, IF/IC |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to AP1-mu-2 |
| **Immunogen** | Recombinant full length protein of human AP1-mu-2 |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of AP1-mu-2 protein. |
| **Clonality** | Polyclonal |
| **Conjugation** | |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/1000), IF/IC (1/50 - 1/200) |
| **Gene Symbol** | AP1M2 |
| **Alternative Names** | AP-1 complex subunit mu-2; AP-mu chain family member mu1B; Adaptor protein complex AP-1 subunit mu-2; Adaptor-related protein complex 1 subunit mu-2; Clathrin assembly protein complex 1 mu-2 medium chain 2; Golgi adaptor HA1/AP1 adaptin mu-2 subunit; Mu-adaptin 2; Mu1B-adaptin |
| **Entrez Gene** | 10053 (Human); 11768 (Mouse) |
| **SwissProt** | Q9Y6Q5 (Human); Q9WVP1 (Mouse) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


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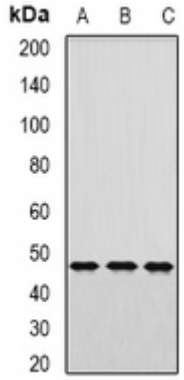
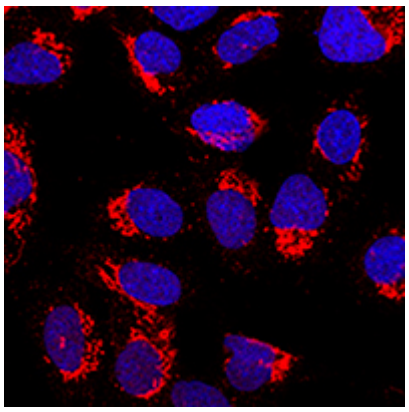



Western blot analysis of AP1-mu-2 expression in HepG2 (A), mouse kidney (B), mouse lung (C) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 48 kD)



Immunofluorescent analysis of AP1-mu-2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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