

# **Product Data Sheet**

### Anti-MRPS34 Antibody

| Catalog #     | Source | Reactivity                   | Applications  |
|---------------|--------|------------------------------|---|
| CPA2771       | Rabbit | н                            | WB, IP  |
| Description   |        | Rabbit polyclonal antibody   | to MRPS34   |
| Immunogen     |        | KLH-conjugated synthetic     | peptide encompassing a sequence within the C-term       |
|               | l      | region of human MRPS34.      | The exact sequence is proprietary.                      |
| Purification  |        | The antibody was purified    | by immunogen affinity chromatography.                   |
| Specificity   |        | Recognizes endogenous le     | vels of MRPS34 protein.                                 |
| Clonality     |        | Polyclonal                   |   |
| 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), IP (1/1 | 0 - 1/100)  |
| Gene Symbol   |        | MRPS34                       |   |
| Alternative N | ames   | 28S ribosomal protein S34    | , mitochondrial; MRP-S34; S34mt                         |
| Entrez Gene   |        | 65993 (Human)                |   |
| SwissProt     |        | P82930 (Human)               |   |
| Storage/Stabi | lity   | Shipped at 4°C. Upon deliv   | ery 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

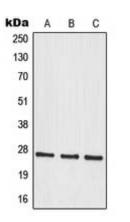
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Western blot analysis of MRPS34 expression in A549 (A), HuvEc (B), U251MG (C) whole cell lysates.

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