

## Anti-MUSK Antibody

| Catalog #                | Source  | Reactivity    | Applications |
|--------------------------|---|---------------|--------------|
| CPA6101                  | Rabbit  | H, M, R, B, P | WB           |
| <b>Description</b>       | Rabbit polyclonal antibody to MUSK  |               |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MUSK. The exact sequence is proprietary.       |               |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.   |               |              |
| <b>Specificity</b>       | Recognizes endogenous levels of MUSK protein.   |               |              |
| <b>Clonality</b>         | Polyclonal  |               |              |
| <b>Conjugation</b>       |   |               |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                 |               |              |
| <b>Dilution</b>          | WB (1/500 - 1/1000)   |               |              |
| <b>Gene Symbol</b>       | MUSK  |               |              |
| <b>Alternative Names</b> | Muscle skeletal receptor tyrosine-protein kinase; Muscle-specific tyrosine-protein kinase receptor; MuSK; Muscle-specific kinase receptor |               |              |
| <b>Entrez Gene</b>       | 4593 (Human); 18198 (Mouse); 81725 (Rat)  |               |              |
| <b>SwissProt</b>         | O15146 (Human); Q61006 (Mouse); Q62838 (Rat)  |               |              |
| <b>Storage/Stability</b> | 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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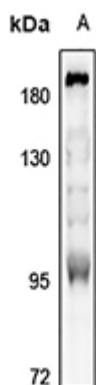
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## Product Data Sheet



Western blot analysis of MUSK expression in Myla2059 (A) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 97 kD)

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