

# Product Data Sheet

## Anti-NKX2-1 Antibody

| Catalog #                | Source                                                                                                                                         | Reactivity          | Applications |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|
| CPA2168                  | Rabbit                                                                                                                                         | H, M, R, D, P, S, Z | WB           |
| <b>Description</b>       | Rabbit polyclonal antibody to NKX2-1                                                                                                           |                     |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NKX2-1. The exact sequence is proprietary.          |                     |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                                                                |                     |              |
| <b>Specificity</b>       | Recognizes endogenous levels of NKX2-1 protein.                                                                                                |                     |              |
| <b>Clonality</b>         | Polyclonal                                                                                                                                     |                     |              |
| <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>       | NKX2-1                                                                                                                                         |                     |              |
| <b>Alternative Names</b> | NKX2A; TITF1; TTF1; Homeobox protein Nkx-2.1; Homeobox protein NK-2 homolog A; Thyroid nuclear factor 1; Thyroid transcription factor 1; TTF-1 |                     |              |
| <b>Entrez Gene</b>       | 7080 (Human); 21869 (Mouse)                                                                                                                    |                     |              |
| <b>SwissProt</b>         | P43699 (Human); P50220 (Mouse); P23441 (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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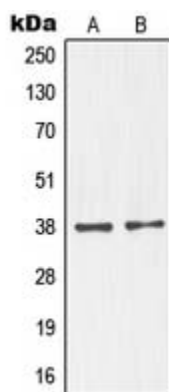
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Western blot analysis of NKX2-1 expression in MAD109 (A), HeLa (B), SP20 (C) whole cell lysates.

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