

# Product Data Sheet

## Anti-SHOX2 Antibody

| Catalog #                | Source                                                                                                      | Reactivity | Applications |
|--------------------------|-------------------------------------------------------------------------------------------------------------|------------|--------------|
| CQA1765                  | Rabbit                                                                                                      | M, R       | WB           |
| <b>Description</b>       | Rabbit polyclonal antibody to SHOX2                                                                         |            |              |
| <b>Immunogen</b>         | Recombinant full length protein of mouse SHOX2                                                              |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                             |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of SHOX2 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 - 1/2000)                                                                                         |            |              |
| <b>Gene Symbol</b>       | SHOX2                                                                                                       |            |              |
| <b>Alternative Names</b> | OG12X; SHOT; Short stature homeobox protein 2; Homeobox protein Og12X; Paired-related homeobox protein SHOT |            |              |
| <b>Entrez Gene</b>       | 20429 (Mouse); 25546 (Rat)                                                                                  |            |              |
| <b>SwissProt</b>         | P70390 (Mouse); O35750 (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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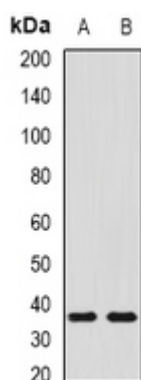
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Western blot analysis of SHOX2 expression in NIH3T3 (A), mouse liver (B) whole cell lysates.

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