

# Product Data Sheet

## Anti-p54nrb Antibody

| Catalog #                | Source                                                                                                                                                                                                             | Reactivity | Applications |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CQA1179                  | Rabbit                                                                                                                                                                                                             | H, M, R    | WB, IH, IP   |
| <b>Description</b>       | Rabbit polyclonal antibody to p54nrb                                                                                                                                                                               |            |              |
| <b>Immunogen</b>         | Recombinant full length protein of human p54nrb                                                                                                                                                                    |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                                                                                                                                    |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of p54nrb 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), IH (1/50 - 1/200), IF/IC (1/50 - 1/200), IP (1/20 - 1/50)                                                                                                                                     |            |              |
| <b>Gene Symbol</b>       | NONO                                                                                                                                                                                                               |            |              |
| <b>Alternative Names</b> | NRB54; Non-POU domain-containing octamer-binding protein; NonO protein; 54 kDa nuclear RNA- and DNA-binding protein; 55 kDa nuclear protein; DNA-binding p52/p100 complex, 52 kDa subunit; NMT55; p54(nrb); p54nrb |            |              |
| <b>Entrez Gene</b>       | 4841 (Human); 53610 (Mouse); 317259 (Rat)                                                                                                                                                                          |            |              |
| <b>SwissProt</b>         | Q15233 (Human); Q99K48 (Mouse); Q5FVM4 (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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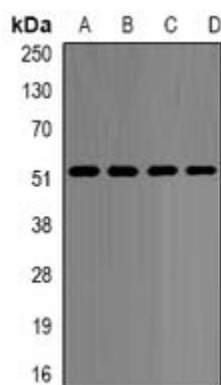
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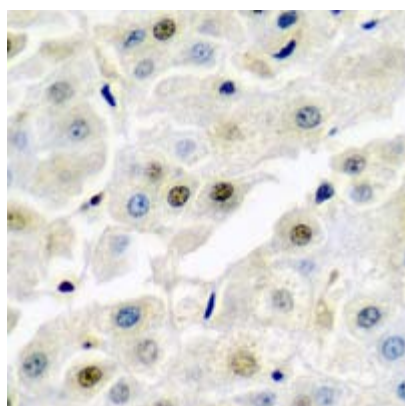
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Western blot analysis of p54nrb expression in Hela (A), SW620 (B), mouse brain (C), mouse kidney (D) whole cell lysates.



Immunohistochemical analysis of p54nrb staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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