

# Product Data Sheet

## Anti-N-myc Antibody

| Catalog #                | Source                                                                                                    | Reactivity | Applications |
|--------------------------|-----------------------------------------------------------------------------------------------------------|------------|--------------|
| CQA2339                  | Rabbit                                                                                                    | H, M, R    | WB, IH       |
| <b>Description</b>       | Rabbit polyclonal antibody to N-myc                                                                       |            |              |
| <b>Immunogen</b>         | Recombinant full length protein of human N-myc                                                            |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                           |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of N-myc 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)                                                                    |            |              |
| <b>Gene Symbol</b>       | MYCN                                                                                                      |            |              |
| <b>Alternative Names</b> | BHLHE37; NMYC; N-myc proto-oncogene protein; Class E basic helix-loop-helix protein 37; bHLHe37           |            |              |
| <b>Entrez Gene</b>       | 4613 (Human); 18109 (Mouse); 298894 (Rat)                                                                 |            |              |
| <b>SwissProt</b>         | P04198 (Human); P03966 (Mouse); Q63379 (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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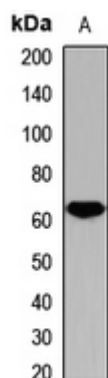
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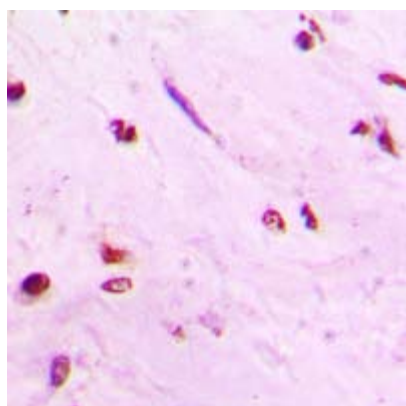
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## Product Data Sheet



Western blot analysis of N-myc expression in mouse brain (A) whole cell lysates.



Immunohistochemical analysis of N-myc staining in human brain 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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