

# Product Data Sheet

## NF-kappaB p105 Blocking Peptide

| Catalog #                 | Source                                                                                                                                                                            | Reactivity          | Applications |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|
| CBP1799                   | Synthetic                                                                                                                                                                         | H, M, R, B, C, D, P | BL           |
| <b>Description</b>        | The peptide is used to block Anti-NF-kappaB p105 Antibody (#CPA1799) reactivity.                                                                                                  |                     |              |
| <b>Form</b>               | Lyophilized powder                                                                                                                                                                |                     |              |
| <b>Gene Symbol</b>        | NFKB1                                                                                                                                                                             |                     |              |
| <b>Alternative Names</b>  | Nuclear factor NF-kappa-B p105 subunit; DNA-binding factor KBF1; EBP-1; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1                                      |                     |              |
| <b>Entrez Gene</b>        | 4790 (Human); 18033 (Mouse)                                                                                                                                                       |                     |              |
| <b>SwissProt</b>          | P19838 (Human); P25799 (Mouse); Q63369 (Rat)                                                                                                                                      |                     |              |
| <b>Purity</b>             | >85%                                                                                                                                                                              |                     |              |
| <b>Quality Control</b>    | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.                                                                                         |                     |              |
| <b>Directions for Use</b> | Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. |                     |              |
| <b>Storage/Stability</b>  | Shipped at 4°C. Store at -20°C for one year.                                                                                                                                      |                     |              |

**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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