

Product Data Sheet

DNA Ligase 4 Blocking Peptide

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|------------|--------------|
| CBP7172 | Synthetic | H | BL |
| Description | The peptide is used to block Anti-DNA Ligase 4 Antibody (#CPA7172) reactivity. | | |
| Form | Lyophilized powder | | |
| Gene Symbol | LIG4 | | |
| Alternative Names | DNA ligase 4; DNA ligase IV; Polydeoxyribonucleotide synthase [ATP] 4 | | |
| Entrez Gene | 3981 (Human) | | |
| SwissProt | P49917 (Human) | | |
| Purity | >85% | | |
| Quality Control | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry. | | |
| Directions for Use | 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. | | |
| Storage/Stability | 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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