



# HDAC8 Antibody, Biotin conjugated

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| Product Code        | CSB-PA010244LD01HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Uniprot No.         | Q9BY41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen           | Recombinant Human Histone deacetylase 8 protein (1-377AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Raised In           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species Reactivity  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tested Applications | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Relevance           | Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Also involved in the deacetylation of cohesin complex protein SMC3 regulating release of cohesin complexes from chromatin. May play a role in smooth muscle cell contractility. |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate           | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Storage Buffer      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification Method | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alias               | Histone deacetylase 8 (HD8) (EC 3.5.1.98), HDAC8, HDACL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Research Area       | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target Names        | HDAC8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |