



# BDH2 Antibody, Biotin conjugated

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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code        | CSB-PA874814LD01HU                                                                                                                                                                                                                                                                                                       |
| Storage             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                            |
| Uniprot No.         | Q9BUT1                                                                                                                                                                                                                                                                                                                   |
| Immunogen           | Recombinant Human 3-hydroxybutyrate dehydrogenase type 2 protein (1-245AA)                                                                                                                                                                                                                                               |
| Raised In           | Rabbit                                                                                                                                                                                                                                                                                                                   |
| Species Reactivity  | Human                                                                                                                                                                                                                                                                                                                    |
| Tested Applications | ELISA                                                                                                                                                                                                                                                                                                                    |
| Relevance           | Dehydrogenase that mediates the formation of 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin and associates with LCN2, thereby playing a key role in iron homeostasis and transport. Also acts as a 3-hydroxybutyrate dehydrogenase (By similarity). |
| 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               | 3-hydroxybutyrate dehydrogenase type 2 (EC 1.1.1.-) (EC 1.1.1.30) (Dehydrogenase/reductase SDR family member 6) (Oxidoreductase UCPA) (R-beta-hydroxybutyrate dehydrogenase) (Short chain dehydrogenase/reductase family 15C member 1), BDH2, DHRS6 SDR15C1                                                              |
| Species             | Human                                                                                                                                                                                                                                                                                                                    |
| Research Area       | Cardiovascular                                                                                                                                                                                                                                                                                                           |
| Target Names        | BDH2                                                                                                                                                                                                                                                                                                                     |