



# EDEM2 Antibody, Biotin conjugated

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| <b>Product Code</b>        | CSB-PA861146LD01HU                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot No.</b>         | Q9BV94                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>           | Recombinant Human ER degradation-enhancing alpha-mannosidase-like protein 2 protein (22-300AA)                                                                                                                                                                                                                                                                        |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tested Applications</b> | ELISA                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Relevance</b>           | Initiates the endoplasmic reticulum-associated degradation (ERAD) that targets misfolded glycoproteins for degradation in an N-glycan-dependent manner. Catalyzes the first mannose trimming step, from Man9GlcNAc2 to Man8GlcNAc2 (PubMed:25092655). Extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, from the calnexin cycle. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>           | Biotin                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                      |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                            |
| <b>Alias</b>               | ER degradation-enhancing alpha-mannosidase-like protein 2, EDEM2, C20orf31 C20orf49                                                                                                                                                                                                                                                                                   |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                  |
| <b>Research Area</b>       | Signal Transduction                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target Names</b>        | EDEM2                                                                                                                                                                                                                                                                                                                                                                 |