



# CALR Antibody, HRP conjugated

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| Product Code        | CSB-PA07867B0Rb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Uniprot No.         | P27797                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen           | Recombinant Human Calreticulin protein (18-417AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Raised In           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species Reactivity  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tested Applications | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Relevance           | Calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the regulation of calcium homeostasis (By similarity). |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate           | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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               | Calreticulin (CRP55) (Calregulin) (Endoplasmic reticulum resident protein 60) (ERp60) (HACBP) (grp60), CALR, CRTC                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Research Area       | Tags & Cell Markers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target Names        | CALR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |