



Magic™ Anti-CALR (aa 250-350) polyclonal antibody (DPABH-24764)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglycosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. |
| Immunogen | Synthetic peptide conjugated to KLH derived from within residues 250 - 350 of Human Calreticulin. |
| Isotype | IgY |
| Source/Host | Chicken |
| Species Reactivity | Mouse, Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Size | 100 µg |
| Buffer | pH: 7.40; Constituents: PBS, 3% BSA |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | CALR calreticulin [Homo sapiens] |
| Official Symbol | CALR |
| Synonyms | CALR; calreticulin; RO; CRT; SSA; cC1qR; HEL-S-99n; CRP55; ERp60; HACBP; grp60; calregulin; endoplasmic reticulum resident protein 60; epididymis secretory sperm binding protein Li 99n; Sicca syndrome antigen A (autoantigen Ro; calreticulin); |
| Entrez Gene ID | 811 |
| Protein Refseq | NP_004334.1 |
| UniProt ID | P27797 |
| Pathway | ATF6-alpha activates chaperone genes; Adaptive Immune System; Antigen Presentation: Folding, assembly and peptide loading of class I MHC; Antigen processing and presentation |
| Function | DNA binding; androgen receptor binding; calcium ion binding; calcium ion binding |