



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

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 monoglucosylated 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

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