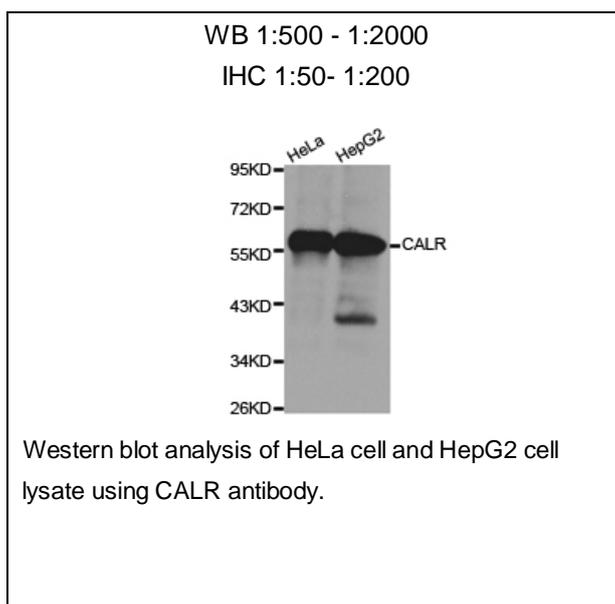




CALR Polyclonal Antibody

E91066

- Catalog Number:** E91066
Amount: 100ul
Background: Calcium is a universal signaling molecule involved in many cellular functions such as cell motility, metabolism, protein modification, protein folding and apoptosis. Calcium is stored in the endoplasmic reticulum (ER), where it is buffered by calcium binding chaperones such as calnexin and calreticulin, and is released via the IP3 Receptor (1). Calreticulin also functions as an ER chaperone that ensures proper folding and quality control of newly synthesized glycoproteins. As such, calreticulin presumably does not alter protein folding but ensures proper timing for efficient folding and subunit assembly. Furthermore, calreticulin retains proteins in non-native conformation within the ER and targets them for degradation (2,3).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: CALR;CRT;FLJ26680;RO;SSA;cC1qR ;
Immunogen: Recombinant protein of human CALR
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 60kDa
Swiss-Prot No. : P27797
Gene ID: 811
References: 1. Groenendyk, J. et al. (2004) Mol Cells 17, 383-9. 2. Nauseef, W.M. et al. (1995) J BiolChem 270, 4741-7. 3. Williams, D.B. (2006) J Cell Sci 119, 615-23.



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