

For Research Use Only

# calreticulin Recombinant antibody

Catalog Number: 85593-6-RR



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>85593-6-RR                           | <b>GenBank Accession Number:</b><br>NM_007591.3 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>12317                  | <b>CloneNo.:</b><br>243011A9                          |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>P14211                    | <b>Recommended Dilutions:</b><br>WB 1:5000-1:50000    |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>calreticulin               |   |
| <b>Immunogen Catalog Number:</b><br>EG3005                     | <b>Calculated MW:</b><br>48 kDa                 |   |
|  | <b>Observed MW:</b><br>50-55 kDa                |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b>   |
| <b>Species Specificity:</b><br>human, mouse, rat | <b>WB :</b> Jurkat cells, NIH/3T3 cells, HSC-T6 cells, mouse brain tissue, mouse skeletal muscle tissue, rat brain tissue |

## Background Information

CALR, also named as grp60, ERp60, HACBP, CRP55, CRTC and Calregulin, belongs to the calreticulin family. It is a molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. CALR is a ER marker. It interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. CALR interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export.

## Storage

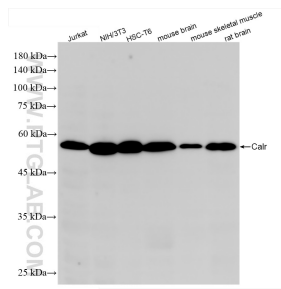
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85593-6-RR (Calr antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.