

For Research Use Only

calreticulin Recombinant antibody

Catalog Number: 85593-6-RR



Basic Information

Catalog Number:

85593-6-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3005

GenBank Accession Number:

NM_007591.3

GeneID (NCBI):

12317

UNIPROT ID:

P14211

Full Name:

calreticulin

Calculated MW:

48 kDa

Observed MW:

50-55 kDa

Purification Method:

Protein A purification

CloneNo.:

243011A9

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : 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

For technical support and original validation data for this product please contact:

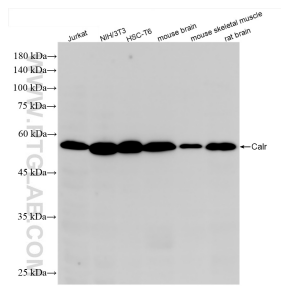
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.