

For Research Use Only

# RTN2 Recombinant antibody

Catalog Number: 86162-1-RR



## Basic Information

Catalog Number:

86162-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1655

GenBank Accession Number:

BC014244

GeneID (NCBI):

6253

UNIPROT ID:

O75298

Full Name:

reticulon 2

Calculated MW:

59 kDa, 51 kDa, 22 kDa

Observed MW:

20-23 kDa

Purification Method:

Protein A purification

CloneNo.:

250823C1

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse heart tissue, rat heart tissue, mouse skeletal muscle tissue, rat skeletal muscle

## Background Information

Reticulon (RTN) proteins are a group of membrane-bound proteins that largely reside in endoplasmic reticulum (ER) (PMID: 18177508). Reticulon proteins share a common sequence feature, the reticulon homology domain (RHD). They are involved in shaping the tubular endoplasmic reticulum network, membrane trafficking, inhibition of axonal growth, and apoptosis (PMID: 24218324). Four mammalian reticulons (RTN1-4) exist. Human RTN2 gene produces three isoforms termed RTN2-A, RTN2-B, and RTN2-C. Isoform RTN2-C has a calculated molecular weight of 22 kDa and is highly expressed in skeletal muscle.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

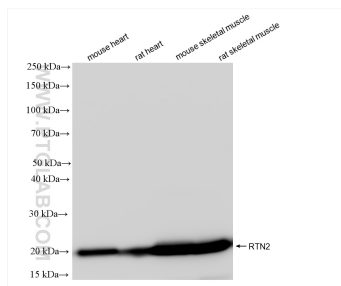
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86162-1-RR (RTN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.