

RBM24 Recombinant antibody

Catalog Number: 85674-1-RR

Basic Information

Catalog Number:

85674-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12871

GenBank Accession Number:

BC104808

GeneID (NCBI):

221662

UNIPROT ID:

Q9BX46

Full Name:

RNA binding motif protein 24

Calculated MW:

191 aa, 20 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

243006A11

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse heart tissue, mouse skeletal muscle tissue

Background Information

RNA-binding proteins have a pivotal role in post-transcriptionally regulating gene expression. During early development, they exhibit temporally and spatially regulated expression patterns and affect the proteome of a single cell by controlling alternative splicing, transport, localization, and stability of their target RNAs (PMID: 22510371). Their expression is tissue-specific, and their crucial influence on the protein setup, especially in muscle cells, has become recognized recently (PMID: 21982546). RBM24 is one RNA-binding protein that is fundamental in regulating cardiac gene expression, sarcomeric assembly, and cardiac contractility. It may thus represent a novel pathway to cardiomyopathy (PMID: 20338237).

Storage

Storage:

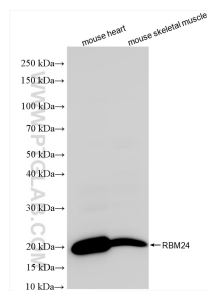
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85674-1-RR (RBM24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.