

For Research Use Only

RBM47 Recombinant antibody

Catalog Number: 86009-2-RR



Basic Information

Catalog Number:

86009-2-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20984

GenBank Accession Number:

BC126261

GeneID (NCBI):

54502

UNIPROT ID:

A0AV96

Full Name:

RNA binding motif protein 47

Calculated MW:

593 aa, 64 kDa

Observed MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

250436D5

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, A549 cells, Caco-2 cells

Background Information

RBM47, also known as RNA-binding motif protein 47 or RNA-binding protein 47, is a vertebrate-conserved RBP containing three RNA-recognition motifs (RRMs) that perform multifaceted roles in RNA editing, early embryonic development, and cancer. Recent studies suggest that RBM47 functions as a tumor suppressor. It has been shown to suppress the progression of breast and colon cancers. RBM47 represents a molecular switch of cell fate decisions that functions as a regulator of the p53/p21-signaling axis. (PMID: 34499322, PMID: 31511650)

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:

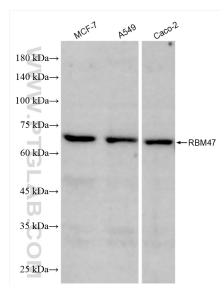
T: 4006900926

E: Proteintech-CN@ptglab.com

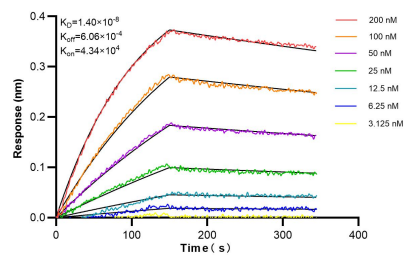
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86009-2-RR (RBM47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86009-2-RR against Human RBM47 were performed. The affinity constant is 1.40 nM.