

A13348

Leader in Biomolecular Solutions for Life Science



RRM1 Rabbit pAb

Catalog No.: A13348

Basic Information

Observed MW

95kDa

Calculated MW

90kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse

Background

This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of available deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as multiple DNA repair processes. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

6240

Swiss Prot

P23921

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 593-792 of human RRM1 (NP_001024.1).

Synonyms

R1; RR1; RIR1; RRM1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

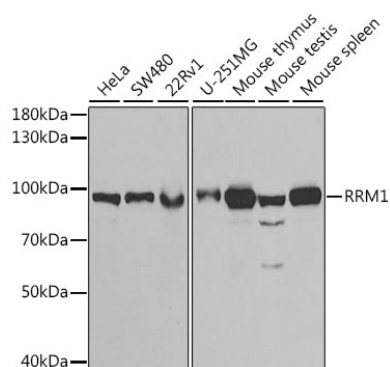
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

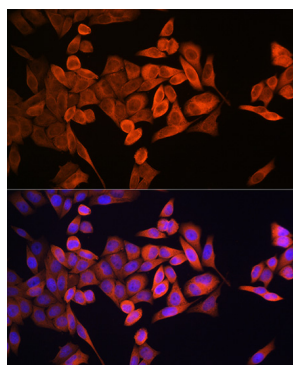
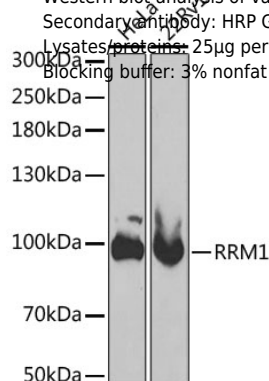
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

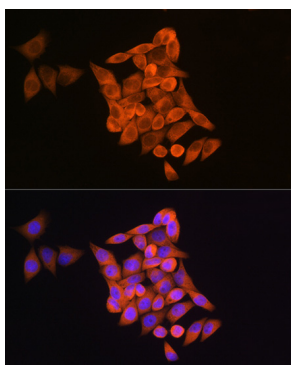


Western blot analysis of various lysates using RRM1 Rabbit pAb (A13348) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Western blot analysis of various lysates using RRM1 Rabbit pAb (A13348) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

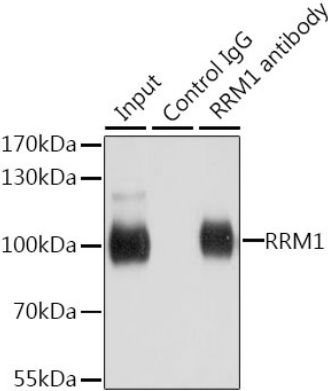


Immunofluorescence analysis of HeLa cells using RRM1 Rabbit pAb (A13348) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using RRM1 Rabbit pAb (A13348) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 1 µg RRM1 antibody (A13348). Western blot was performed from the immunoprecipitate using RRM1 antibody (A13348) at a dilution of 1:500.