## **RRM1 Rabbit Polyclonal Antibody**



## **CAB13348**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

95kDa

**Calculated MW:** 

90kDa

**Applications:** 

WB IF IP

Reactivity:

Human, Mouse

**Protein 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.

Immunogen information

**Gene ID:** 6240

Uniprot

P23921

**Synonyms:** 

RRM1; R1; RIR1; RR1

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 593-792 of human RRM1 (NP\_001024.1).

Storage:

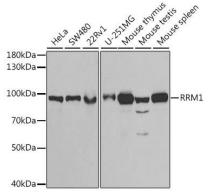
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

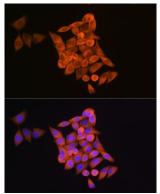
**Purification:** 

Affinity purification

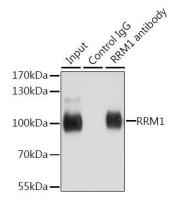
## **Product Images**



Western blot analysis of extracts of various cell lines, using RRM1 antibody (CAB13348) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using RRM1 Rabbit pAb (CAB13348) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug RRM1 antibody (CAB13348). Western blot was performed from the immunoprecipitate using RRM1 antibody (CAB13348) at a dilition of 1:500.