

## Anti-RRM1 antibody (593-792) (STJ25417)

STJ25417

### GENERAL INFORMATION

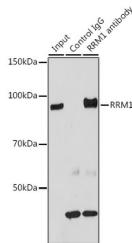
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/IP/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

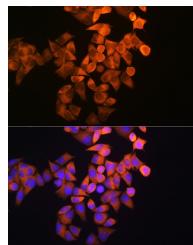
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:1000
<b>Range</b>	IHC-P:1:50-1:200 IF/ICC:1:50-1:200
	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells
	ELISA: Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific application.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

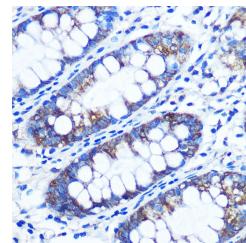
<b>Gene ID</b>	6240
<b>Gene Symbol</b>	RRM1
<b>Uniprot ID</b>	RIR1_HUMAN
<b>Immunogen</b>	
<b>Immunogen</b>	593-792
<b>Region</b>	
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 593-792 of human RRM1 (NP_001024.1).
<b>Immunogen</b>	IRNSLLIAPMPTASTAQILG NNESIEPYTSNIYTRRVLSG EFQIVNPHELLKDLTERGLWH EEMKNQIACNGSISQPEI
<b>Sequence</b>	PDDLKQLYKTVWEISQKTVL KMAAERGAFIDQSQSLNIHI AEPNYGKLTSMHFYGWKQGL KTGMYYLRTRPAANPIQFTL NKEKLKDKEKVSKEEEEKER NTAAMVCSLENRDECLMCGS



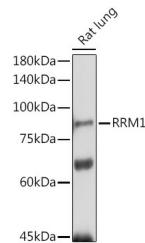
Immunoprecipitation analysis of 200 Mu g extracts of HT-29 cells using 3 Mu g RRM1 antibody (STJ25417). Western blot was performed from the immunoprecipitate using RRM1 antibody (STJ25417) at a dilution of 1:1000.



Immunofluorescence analysis of HeLa cells using RRM1 Rabbit polyclonal antibody (STJ25417) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of RRM1 in paraffin-embedded human colon using RRM1 Rabbit polyclonal antibody (STJ25417) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer, pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Rat lung, using RRM1 Rabbit polyclonal antibody (STJ25417) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:50000 dilution. Detection: ECL Enhanced Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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