

Anti-RRM2 antibody (1-389) (STJ27212)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

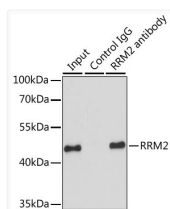
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 45kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

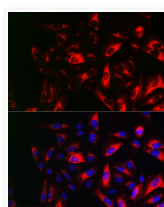
Gene ID	6241
Gene Symbol	RRM2
UniProt ID	RIR2_HUMAN
Immunogen Region	1-389
Immunogen Sequence	MLSLRVPLAPITDPQQLQLS PLKGLSLVDKENTPPALSGT RVLASKTARRIFQEPTEPKT KAAAPGVEDEPLLRENPRRF VIFPIEYHDIWQMYKKAES FWTAEEDLSKDIQHWESLK PEERYFISHVLAFFAASDGI VNENLVERFSQEVQITEARC FYGFQIAMENIHSEMYSLLI DTYIKDPKEREFLENAIETM PCVKKKADWALRWIGDKEAT YGERVVAFAAVEGIFFGS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-389 of human RRM2 (NP_001025.1).

ADDITIONAL INFORMATION

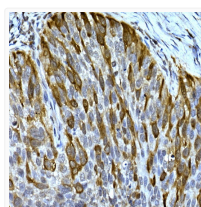
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



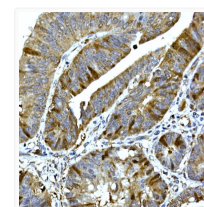
Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g RRM2 antibody (STJ27212). Western blot was performed from the immunoprecipitate using RRM2 antibody (STJ27212) at a dilution of 1:1000.



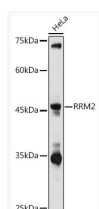
Immunofluorescence analysis of U2OS cells using RRM2 Rabbit polyclonal antibody (STJ27212) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of RRM2 in paraffin-embedded human lung cancer using RRM2 Rabbit polyclonal antibody (STJ27212) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of RRM2 in paraffin-embedded human colon carcinoma using RRM2 Rabbit polyclonal antibody (STJ27212) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from HeLa cells, using RRM2 Rabbit polyclonal antibody (STJ27212) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.