

Anti-HNRNPC antibody (80-170) [S2MR] (STJ11102402)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

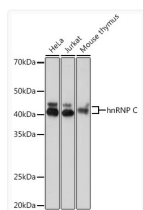
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IF/CC:1:200-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 40kDa/42kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

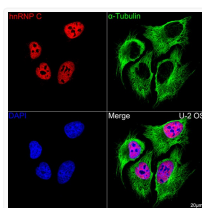
Gene ID	3183
Gene Symbol	HNRNPC
UniProt ID	HNRPC_HUMAN
Immunogen Region	80-170
Immunogen Sequence	LDINLAAEPKVNVRGKAGVKR SAAEMYGSVTEHPSPSPLLS SSFDLDYDFQRDDYDRMYSY PARVPPPPPIARAVVPSKRQ RVSGNTSRRGK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 80-170 of human hnRNP C (P07910).

ADDITIONAL INFORMATION

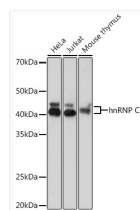
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



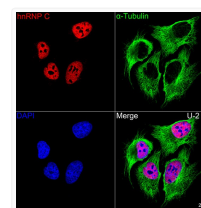
Western blot analysis of various lysates using hnRNP C Rabbit mAb (STJ11102402) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3s.



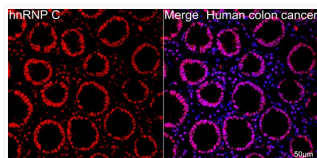
Confocal imaging of U-2 OS cells using hnRNP C Rabbit mAb (STJ11102402, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with Abflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



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Lysates/proteins: 25 μ g per lane.
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Confocal imaging of paraffin-embedded Human colon cancer using hnRNP C Rabbit mAb (STJ11102402, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.