

# Anti-hNRNP C Antibody

Rabbit polyclonal antibody to hNRNP C  
Catalog # AP60015

## Product Information

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Application	WB, IF/IC
Primary Accession	<a href="#">P07910</a>
Reactivity	Human, Rabbit, Monkey, Pig, Bovine, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33670

## Additional Information

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Gene ID	3183
Other Names	HNRPC; Heterogeneous nuclear ribonucleoproteins C1/C2; hnRNP C1/C2
Target/Specificity	Recognizes endogenous levels of hNRNP C protein.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	HNRNPC
Synonyms	HNRPC
Function	<p>Binds pre-mRNA and nucleates the assembly of 40S hnRNP particles (PubMed:<a href="#">8264621</a>). Interacts with poly-U tracts in the 3'-UTR or 5'-UTR of mRNA and modulates the stability and the level of translation of bound mRNA molecules (PubMed:<a href="#">12509468</a>, PubMed:<a href="#">16010978</a>, PubMed:<a href="#">7567451</a>, PubMed:<a href="#">8264621</a>). Single HNRNPC tetramers bind 230-240 nucleotides. Trimers of HNRNPC tetramers bind 700 nucleotides (PubMed:<a href="#">8264621</a>). May play a role in the early steps of spliceosome assembly and pre-mRNA splicing. N6-methyladenosine (m6A) has been shown to alter the local structure in mRNAs and long non-coding RNAs (lncRNAs) via a mechanism named 'm(6)A-switch', facilitating binding of HNRNPC, leading to regulation of mRNA splicing (PubMed:<a href="#">25719671</a>).</p>
Cellular Location	Nucleus. Note=Component of ribonucleosomes

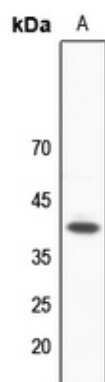
## Background

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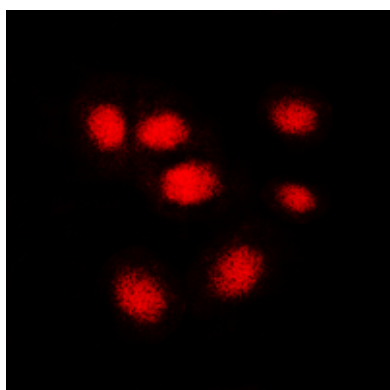
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human hNRNP C. The exact sequence is proprietary.

## Images

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Western blot analysis of hNRNP C expression in HeLa (A) whole cell lysates.



Immunofluorescent analysis of hNRNP C staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.