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hnRNP C1/C2 Rabbit mAb

Catalog # AP78972

Specification

hnRNP C1/C2 Rabbit mAb - Product Information

Application	**WB**
Primary Accession	P07910
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**33670**

hnRNP C1/C2 Rabbit mAb - Additional Information

Gene ID 3183

Other Names
HNRNPC

Dilution
WB~~1/500-1/1000

Format
Liquid

hnRNP C1/C2 Rabbit mAb - Protein Information

Name HNRNPC

Synonyms HNRPC

Function
Binds pre-mRNA and nucleates the assembly of 40S hnRNP particles (PubMed:8264621). 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:12509468, PubMed:16010978, PubMed:7567451, PubMed:8264621). Single HNRNPC tetramers bind 230-240 nucleotides. Trimers of HNRNPC tetramers bind 700 nucleotides (PubMed:8264621). 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:25719671).

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Cellular Location
Nucleus. Note=Component of ribonucleosomes

hnRNP C1/C2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

hnRNP C1/C2 Rabbit mAb - Images