

Anti-HNRNPC / HNRNP C Antibody (clone 4F4)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18004**Specification**

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) - Product Information

Application	WB, IHC-P, IF, E, IP
Primary Accession	P07910
Predicted	Human, Hamster, Monkey, Chicken
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	33670
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A IP~~N/A

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) - Additional Information**Gene ID** 3183

Alias Symbol	HNRNPC
Other Names	
HNRNPC, HNRPC, HnRNP C1/C2, HNRNP	

Target/Specificity

This antibody recognizes the two HNRNP C proteins of 41kD (C1) and 43kD (C2) in human cells, and the corresponding proteins in monkey, hamster and chicken.

Reconstitution & Storage

Protein A purified

Precautions

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) - 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).

Cellular Location

Nucleus. Note=Component of ribonucleosomes

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HNRNPC / HNRNP C Antibody (clone 4F4) - Images