

Hnrnpc antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11759

Product Information

Application	WB
Primary Accession	Q9Z204
Other Accession	NM_016884 , NP_058580
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34385

Additional Information

Gene ID	15381
Alias Symbol	AL022939, D14Wsu171e, Hnrpc, Hnrpc1, Hnrpc2, hnRNP1, hnRNP2, hnrnp-C
Other Names	Heterogeneous nuclear ribonucleoproteins C1/C2, hnRNP C1/C2, Hnrnpc, Hnrpc
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Hnrnpc antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Hnrnpc antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

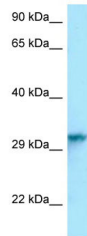
Name	Hnrnpc
Synonyms	Hnrpc
Function	Binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. Interacts with poly-U tracts in the 3'-UTR or 5'-UTR of mRNA and modulates the stability and the level of translation of bound mRNA molecules. Single HNRNPC tetramers bind 230-240 nucleotides. Trimers of HNRNPC tetramers bind 700 nucleotides. 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.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P07910}. Note=Component of ribonucleosomes. {ECO:0000250|UniProtKB:P07910}

Images



Host: Rabbit
Target Name: Hnrnpc
Antibody Dilution: 1.0µg/ml
Sample Tissue: Mouse Lung

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