

HNRNPC

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 41kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human HNRNPC

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

C1/C2;HNRNP;HNRPC;SNRPC;Heterogeneous nuclear ribonucleoproteins C1/C2 antibody;

Catalog #: A0057

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3183

Isotype: IgG

Swiss Prot: P07910

Purity: Affinity purification

For research use only.

Background:

Heterogeneous nuclear ribonucleoproteins (hnRNPs) are predominantly nuclear RNA-binding proteins that form complexes with RNA polymerase II transcripts. These proteins function in a variety of cellular activities, ranging from transcription and pre-mRNA processing in the nucleus to cytoplasmic mRNA translation and turnover. hnRNP C1/C2 is one of the most abundant proteins in the nucleus, and shown to have roles in cellular differentiation and proliferation. A novel nuclear export is activated by the ROCK signaling pathway to exclude hnRNP C1/C2 from the nucleus, by which the compartmentalization of specific hnRNP components is disturbed in apoptotic cells. Overexpression of hnRNP C1/C2 in hepatocellular carcinoma (HCC) tissues has been reported in 70 HCC samples, suggesting its potential as a protein tumor marker.

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