

Product datasheet for **AP20305PU-M**

HNRNPC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of hnRNP C1/2 protein. (region surrounding Gly256)
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2 State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 34 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein C (C1/C2)
Database Link:	<u>Entrez Gene 15381 Mouse</u> <u>Entrez Gene 290046 Rat</u> <u>Entrez Gene 3183 Human</u> <u>P07910</u>



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Background:

The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. hnRNP C1 and C2 are encoded by one gene; the two alternatively spliced transcript variants have been described.

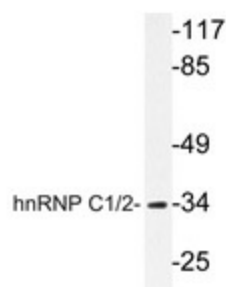
Synonyms:

Heterogeneous nuclear ribonucleoproteins C1/C2, hnRNP C1 / hnRNP C2, HNRPC

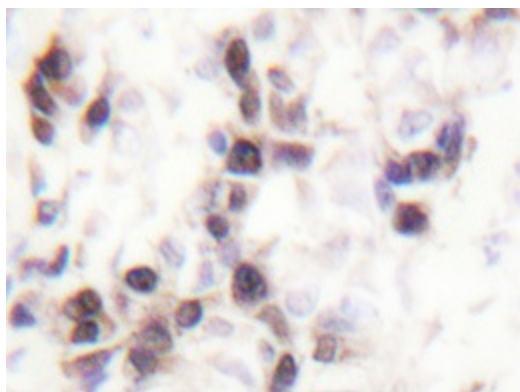
Protein Pathways:

Spliceosome

Product images:



Western blot analysis of hnRNP C1/2 antibody (Cat.-No.: [AP20305PU-N]) in extracts from HuvEc cells.



Immunohistochemistry analyzes of hnRNP C1/2 antibody (Cat.-No.: [AP20305PU-N]) in paraffin-embedded human breast carcinoma tissue.