

## Product datasheet for **AP52068PU-N**

### **HNRNPC (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 282-310 amino acids from the C-terminal region of human hnRNP-C1/C2 / HNRNPC
Specificity:	This antibody recognizes Human hnRNP-C1/C2 / HNRNPC (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
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.
Gene Name:	heterogeneous nuclear ribonucleoprotein C (C1/C2)
Database Link:	<a href="#">Entrez Gene 3183 Human P07910</a>



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**Background:**

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). 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. The protein encoded by this gene can act as a tetramer and is involved in the assembly of 40S hnRNP particles. Multiple transcript variants encoding at least two different isoforms have been described for this gene. [provided by RefSeq].

**Synonyms:**

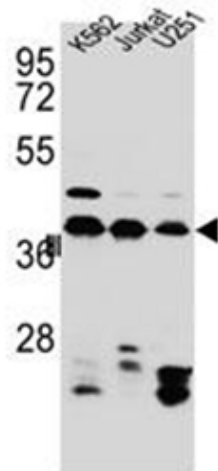
Heterogeneous nuclear ribonucleoproteins C1/C2, hnRNP C1 / hnRNP C2, HNRPC

**Note:**

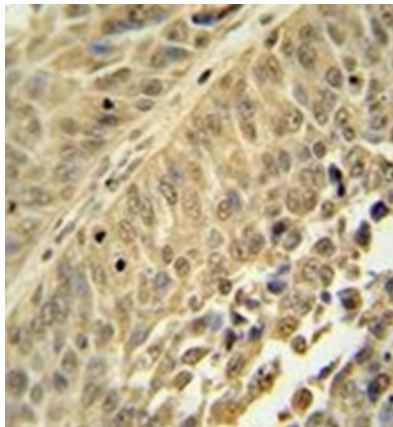
**Molecular Weight:** 33670 Da

**Protein Pathways:**

Spliceosome

**Product images:**

Western blot analysis of HNRNPC Antibody (C-term) in Jurkat, K562, U251 cell line lysates (35ug/lane). This demonstrates the HNRNPC antibody detected the HNRNPC protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma reacted with HNRNPC Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.