

## Product datasheet for **TA377162S**

### HNRNPC Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | ICC/IF, IHC, WB   |
| Recommended Dilution:   | WB,1:500 - 1:2000<br>IHC,1:50 - 1:200<br>IF,1:50 - 1:200<br>IP,1:50 - 1:200 |
| Reactivity:             | Human, Mouse, Rat   |
| Modifications:          | Unmodified  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Recombinant protein of human hnRNP C  |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.                     |
| Concentration:          | lot specific  |
| Purification:           | Affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.                                 |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 25kDa/27kDa/32kDa/33kDa   |
| Gene Name:              | heterogeneous nuclear ribonucleoprotein C (C1/C2)                           |
| Database Link:          | <a href="#">Entrez Gene 3183 Human</a><br><a href="#">P07910</a>            |



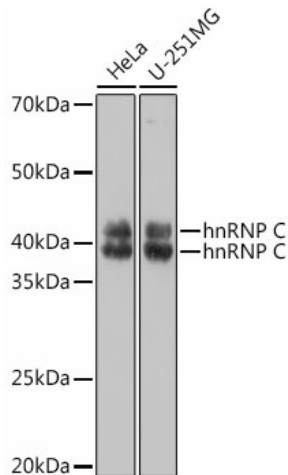
[View online »](#)

**Background:**

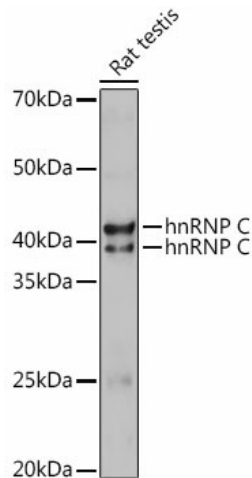
This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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.

**Synonyms:**

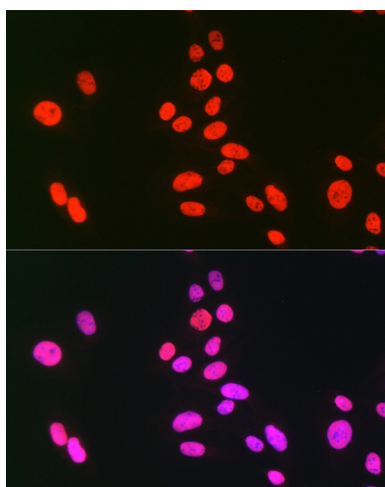
C1; C2; HNRNP; HNRPC; MGC104306; MGC105117; MGC117353; MGC131677; SNRPC

**Product images:**

Western blot analysis of extracts of various cell lines, using hnRNP C Polyclonal Antibody ([TA377162]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 1s.



Western blot analysis of extracts of Rat testis, using hnRNP C Polyclonal Antibody ([TA377162]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



Immunofluorescence analysis of U-2 OS cells using hnRNP C Rabbit pAb ([TA377162]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.