

Product datasheet for **TA308719**

HNRNPC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Pig, Chimpanzee, Bovine, Rhesus Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 142 of hnRNP C1/C2
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein C (C1/C2)
Database Link:	NP_112604 Entrez Gene 3183 Human P07910



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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:

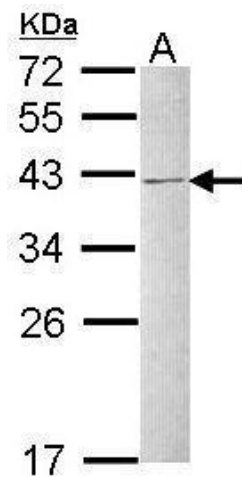
C1; C2; HNRNP; HNRPC; SNRPC

Note:

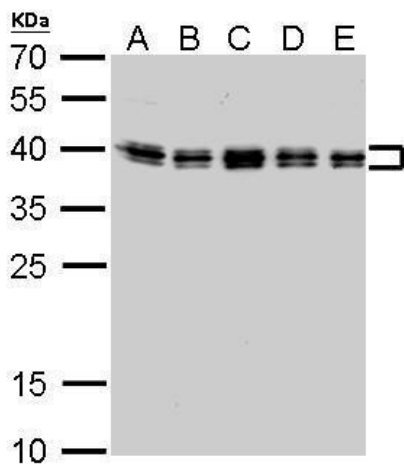
Seq homology of immunogen across species: Pig (100%), Rhesus Monkey (100%), Chimpanzee (100%), Bovine (100%)

Protein Pathways:

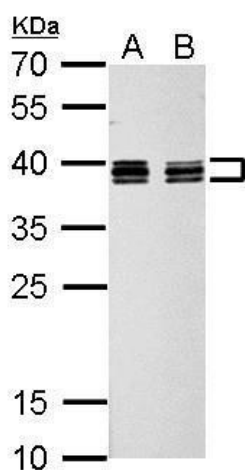
Spliceosome

Product images:

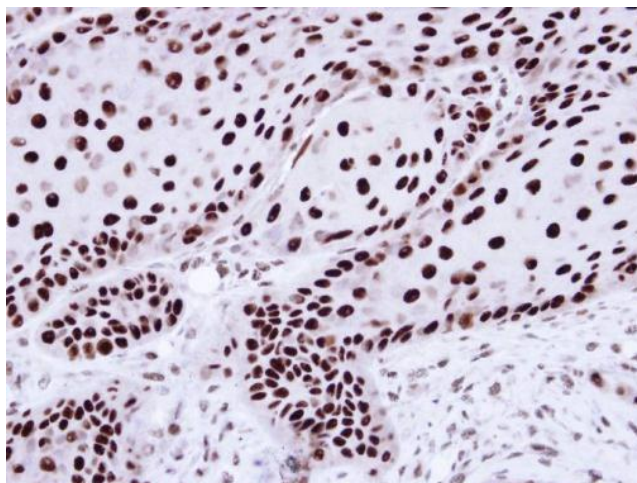
Sample (30 ug of whole cell lysate). A: Raji. 12% SDS PAGE. TA308719 diluted at 1:1000.



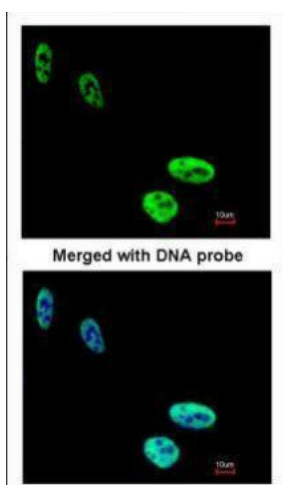
hnRNP C1/C2 antibody detects HNRNPC protein by Western blot analysis. A. 30 ug Neuro2A whole cell lysate/extract. B. 30 ug NIH-3T3 whole cell lysate/extract. C. 30 ug BCL-1 whole cell lysate/extract. D. 30 ug Raw264.7 whole cell lysate/extract. E. 30 ug C



hnRNP C1/C2 antibody detects HNRNPC protein by Western blot analysis. A. 30 ug PC-12 whole cell lysate/extract. B. 30 ug Rat2 whole cell lysate/extract. 12 % SDS-PAGE. hnRNP C1/C2 antibody (TA308719) dilution: 1:1000



Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using hnRNP C1/C2 (TA308719) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using hnRNP C1/C2 (TA308719) antibody at 1:200 dilution.