

**hnRNP C1/2 rabbit pAb****Cat#: orb768630 (Manual)**

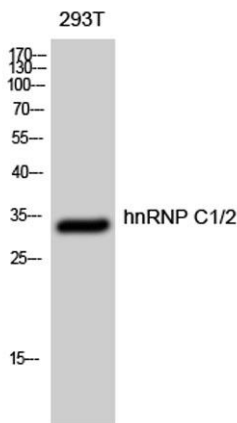
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<b>Product Name</b>	hnRNP C1/2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human hnRNP C1/2. AA range:231-280
<b>Specificity</b>	hnRNP C1/2 Polyclonal Antibody detects endogenous levels of hnRNP C1/2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Heterogeneous nuclear ribonucleoproteins C1/C2
<b>Gene Name</b>	HNRNPC
<b>Cellular localization</b>	Nucleus. Component of ribonucleosomes.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

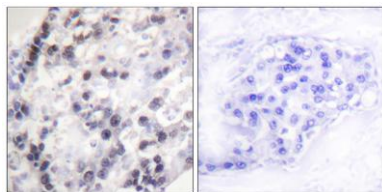
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	34 41kD
<b>Human Gene ID</b>	3183
<b>Human Swiss-Prot Number</b>	P07910
<b>Alternative Names</b>	HNRNPC; HNRPC; Heterogeneous nuclear ribonucleoproteins C1/C2; hnRNP C1/C2

**Background**

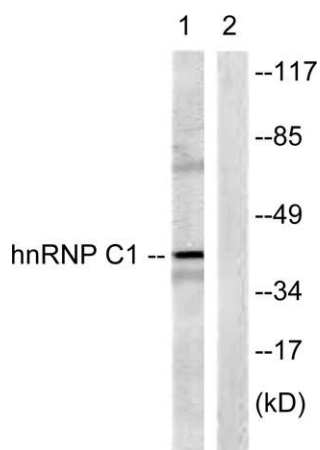
This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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, Jul 2008],



**Western Blot analysis of 293T cells using hnRNP C1/2 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using hnRNP C1/2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, treated with EGF 200ng/ml 5', using hnRNP C1/2 Antibody. The lane on the right is blocked with the synthesized peptide.