



# hnRNP C1/2 (phospho Ser260) rabbit pAb

Cat No.:ES5754

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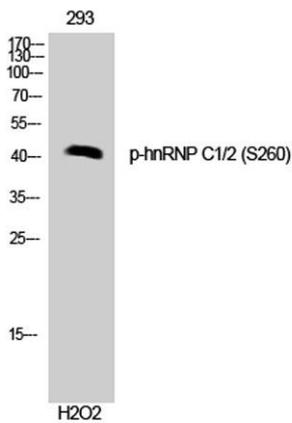
## Overview

<b>Product Name</b>	hnRNP C1/2 (phospho Ser260) 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 around the phosphorylation site of Ser260. AA range:231-280
<b>Specificity</b>	Phospho-hnRNP C1/2 (S260) Polyclonal Antibody detects endogenous levels of hnRNP C1/2 protein only when phosphorylated at S260.
<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>	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
<b>Background</b>	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA

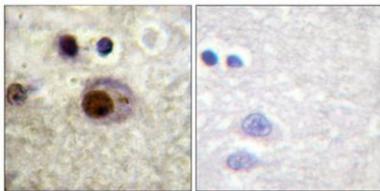




binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle 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 293 cells using Phospho-hnRNP C1/2 (S260) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

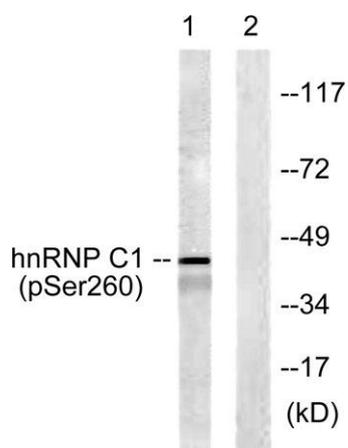
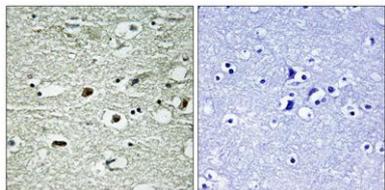


Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.





Immunohistochemistry analysis of paraffin-embedded human brain, using hnRNP C1/2 (Phospho-Ser260) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with H<sub>2</sub>O<sub>2</sub> 100uM 15', using hnRNP C1/2 (Phospho-Ser260) Antibody. The lane on the right is blocked with the phospho peptide.

