

hnRNP C1/C2 Antibody

Catalog No: #33658

Package Size: #33658-1 50ul #33658-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	hnRNP C1/C2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total hnRNP C1/C2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human hnRNP C1/C2.
Target Name	hnRNP C1/C2
Other Names	HNRNPC; HNRPC; Heterogeneous nuclear ribonucleoproteins C1/C2; ROC; hnRNP C1 / hnRNP C2
Accession No.	Swiss-Prot: P07910NCBI Gene ID: 3183
Uniprot	P07910
GeneID	3183;
SDS-PAGE MW	33kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

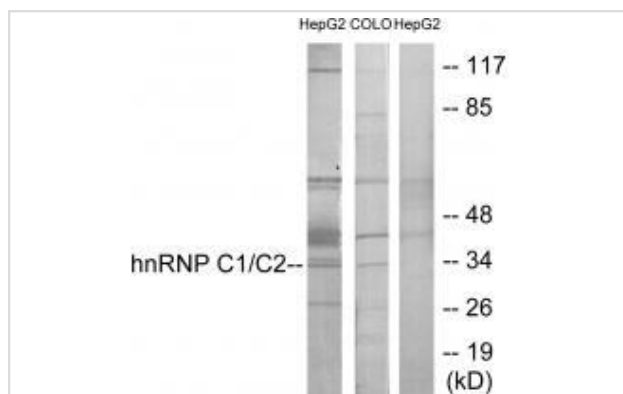
Application Details

Western blotting: 1:500~1:3000

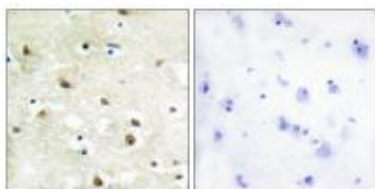
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

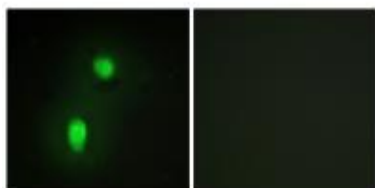
Images



Western blot analysis of extracts from HepG2 cells and COLO205 cells, using hnRNP C1/C2 antibody #33658.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using hnRNP C1/C2 antibody #33658.



Immunofluorescence analysis of HUVEC cells, using hnRNP C1/C2 antibody #33658.

Background

Binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. Single HNRNPC tetramers bind 230-240 nucleotides. Trimers of HNRNPC tetramers bind 700 nucleotides. May play a role in the early steps of spliceosome assembly and pre-mRNA splicing. Interacts with poly-U tracts in the 3'-UTR or 5'-UTR of mRNA and modulates the stability and the level of translation of bound mRNA molecules.

Burd C.G., Proc. Natl. Acad. Sci. U.S.A. 86:9788-9792(1989).

Swanson M.S., Mol. Cell. Biol. 7:1731-1739(1987).

Merrill B.M., Nucleic Acids Res. 17:8441-8449(1989).

Note: This product is for in vitro research use only