

hnRNP A1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04165
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human hnRNP A1. AA range:51-100
Mol wt	38846
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	hnRNP A1 Antibody
Synonyms	HNRNPA1; HNRPA1; Heterogeneous nuclear ribonucleoprotein A1; hnRNP A1; Helix-destabilizing protein; Single-strand RNA-binding protein; hnRNP core protein A1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HNRNPA1 encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. Heterogeneous nuclear ribonucleoprotein A1 encoded by HNRNPA1 is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome.

Recommended Dilution

WB: 1: 500 - 1: 2000

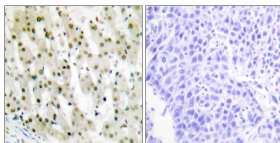
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

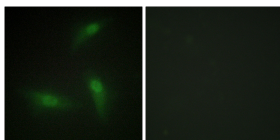
ELISA: 1: 20000

Not yet tested in other applications.

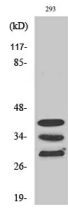
Images



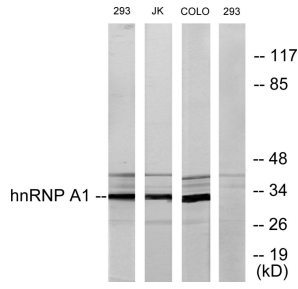
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using hnRNP A1 Antibody. The picture on the right is blocked with the synthesized peptide.



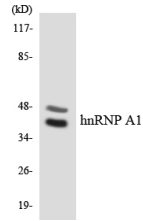
Immunofluorescence analysis of HeLa cells, using hnRNP A1 Antibody. The picture on the right is blocked with the synthesized peptide.



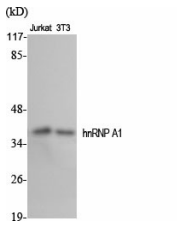
Western Blot analysis of COLO205 cells using hnRNP A1 Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from 293, Jurkat, and COLO205 cells, using hnRNP A1 Antibody.
The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using hnRNP A1 antibody.



Western Blot analysis of various cells using hnRNP A1 Polyclonal Antibody diluted at 1:2000

Storage

-20°C for one year

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