



Rabbit Anti-Human HNRPA2B1 Polyclonal Antibody (CABT-L2090)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Heterogeneous Nuclear Ribonucleoprotein A2/B1 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against HNRPA2B1. It has been selected for its ability to recognize HNRPA2B1 in immunohistochemical staining and western blotting.
Target	HNRPA2B1
Immunogen	Recombinant fragment corresponding to human HNRNPA2B1 (Arg21~Gly103)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene belongs to the A/B 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 has two repeats of quasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms. [provided by RefSeq, Jul 2008]
Keywords	hnRNP-A2/B1;hnRNPA2B1;RA33;HnRNPA2/B1

GENE INFORMATION

Gene Name	HNRNPA2B1 heterogeneous nuclear ribonucleoprotein A2/B1 [Homo sapiens (human)]
Official Symbol	HNRNPA2B1
Synonyms	HNRNPA2B1; heterogeneous nuclear ribonucleoprotein A2/B1; RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1; heterogeneous nuclear ribonucleoproteins A2/B1; hnRNP A2 / hnRNP B1; nuclear ribonucleoprotein particle A2 protein;
Protein Refseq	NP_002128
UniProt ID	A0A024RA27
Chromosome Location	7p15
Pathway	Gene Expression; Processing of Capped Intron-Containing Pre-mRNA; mRNA Splicing; mRNA Splicing - Major Pathway; mRNA processing;
Function	RNA binding; nucleotide binding; poly(A) RNA binding; pre-mRNA intronic binding; protein binding; single-stranded telomeric DNA binding;