



Anti-hnRNPA2B1 Antibody

Alternative Names: HNRNPA2, HNRNPB1, HNRPA2, HNRPA2B1, HNRPB1, IBMPFD2, RNPA2, SNRNPB1

Catalogue Number: AB19-1008-50ug

Size: 50 µg

Background Information

Heterogeneous Nuclear Ribonucleoprotein A2B1 (hnRNPA2B1) is one of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). These RNA-binding proteins associate with pre-mRNAs in the nucleus and influence pre-mRNA processing and transport. hnRNPA2B1, regulates alternative splicing, nuclear export, translation, and other RNA processing events and also plays a crucial role in mRNA trafficking in neurons and oligodendrocytes.

HnRNP A2B1 is 37 kDa protein with a modular domain structure consisting of two RNA recognition motifs (RRMs) referred to as unwinding protein 1 (UPI) an intrinsically disordered RGG-rich C terminus and a prion-like domain (PrLD). UPI is the primary RNA binding domain and the C terminus mediates protein-protein interactions.

Mutations in the HnRNP A2B1 gene have been linked to amyotrophic lateral sclerosis (ALS), multisystem proteinopathy (MSP) and other neurodegenerative diseases.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse, Rat
Immunogen:	Partial length recombinant human HNRNPA2B1 from the N-terminal region		
Format:	50 µg in 50 µl PBS with 0.02% sodium azide, 50% glycerol, pH7.3.		
Storage Conditions:	Store at -20°C. Avoid freeze / thaw cycles.		
Applications:	WB IHC IF WB 1:500-2000. IHC 1:50-200. IF 1:50-200.		

Additional Information

Subcellular location:	Cytoplasm Nucleus nucleoplasm	MW:	37kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	3181	Uniprot ID:	P22626