



Anti-hnRNPA1 Antibody

Alternative Names: ALS19, ALS20, HNRPA1, HNRPA1L3, IBMPFD3, UP 1, hnRNP A1, hnRNP-A1

Catalogue Number: AB19-10087-50ug

Size: 50 µg

Background Information

Heterogeneous Nuclear Ribonucleoprotein A1 (hnRNPA1) 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. hnRNPA1, regulates alternative splicing, nuclear export, translation, and other RNA processing events

HnRNP A1 is a 34 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 A1 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 HNRNPA1 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 IF WB 1:500-2000. IF 1:50-100.		

Additional Information

Subcellular location:	Cytoplasm Nucleus	MW:	39kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	3178	Uniprot ID:	P09651