



## Anti-hnRNPA1 Antibody

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

**Catalogue Number:** AB19-10087-100ug

**Size:** 100 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

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human, Mouse, Rat
<b>Immunogen:</b>	Partial length recombinant human HNRNPA1 from the N-terminal region		
<b>Format:</b>	100 µg in 100 µl PBS with 0.02% sodium azide, 50% glycerol, pH7.3.		
<b>Storage Conditions:</b>	Store at -20°C. Avoid freeze / thaw cycles.		
<b>Applications:</b>	WB IF WB 1:500-2000. IF 1:50-100.		

### Additional Information

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