

# [KO Validated] hnRNP A1 Rabbit pAb

Catalog No.: A18094 **KO** **Validated** **1 Publications**

## Basic Information

### Observed MW

39kDa

### Calculated MW

39kDa

### Category

Primary antibody

### Applications

WB, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene 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. The protein encoded by this gene 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 Dilutions

**WB** 1:500 - 1:2000**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3178

### Swiss Prot

P09651

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

UP 1; ALS19; ALS20; HNRPA1; IBMPFD3; HNRPA1L3; hnRNP A1; hnRNP-A1; A1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

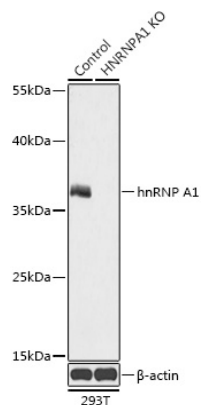
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and hnRNP A1 knockout (KO) 293T cells, using [KO Validated] hnRNP A1 Rabbit pAb (A18094) at 1:500 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.