

Product datasheet

Anti-hnRNP A1 (isoform A1-A) antibody ab123378

1 References 1 Image

Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-hnRNP A1 (isoform A1-A) antibody   |
| <b>Description</b>         | Rabbit polyclonal to hnRNP A1 (isoform A1-A)  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat, Human   |
| <b>Immunogen</b>           | Synthetic peptide:<br>SSSQR<br>, corresponding to a region around amino acids 190-194 of Human hnRNP A1 (isoform A1-A) (P09651).<br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> |
| <b>Positive control</b>    | Recombinant Human hnRNP A1 (isoform A1-A) protein ( <a href="#">ab91691</a> ) can be used as a positive control in WB. 293 cell extract   |

Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.   |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride<br>Note: (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ) |
| <b>Purity</b>               | Immunogen affinity purified  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |

Applications

Our [Abpromise guarantee](#) covers the use of **ab123378** in the following tested applications.

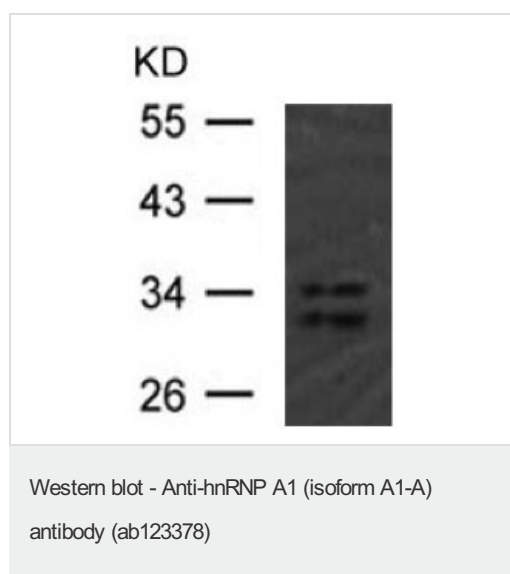
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| WB          |           | 1/500 - 1/1000. Detects a band of approximately 34, 39 kDa (predicted molecular weight: 39 kDa). Incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking over night. |

## Target

|   |  |
|---|--|
| <b>Function</b>                         | Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection. May play a role in HCV RNA replication.  |
| <b>Sequence similarities</b>            | Contains 2 RRM (RNA recognition motif) domains.  |
| <b>Post-translational modifications</b> | Arg-194, Arg-206 and Arg-225 are dimethylated, probably to asymmetric dimethylarginine. Sumoylated.  |
| <b>Cellular localization</b>            | Nucleus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Shuttles continuously between the nucleus and the cytoplasm along with mRNA. Component of ribonucleosomes. In the course of viral infection, colocalizes with HCV NS5B at speckles in the cytoplasm in a HCV-replication dependent manner. |

## Images



Anti-hnRNP A1 (isoform A1-A) antibody (ab123378) at 1/500 dilution + 293 cell extract

**Predicted band size:** 39 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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