




## Product datasheet

### Anti-hnRNP A2B1 antibody ab223237

2 Images

#### Overview

<b>Product name</b>	Anti-hnRNP A2B1 antibody
<b>Description</b>	Goat polyclonal to hnRNP A2B1
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Cow, Dog, Pig, Orangutan 
<b>Immunogen</b>	Synthetic peptide corresponding to Human hnRNP A2B1 aa 100-200 (internal sequence) (Cysteine residue). NP_002128.1; NP_112533.1. Database link: <a href="#">P22626</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: MCF7 cell lysate; NIH/3T3 nuclear lysate.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab223237 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal

Isotype IgG

Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab223237 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		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

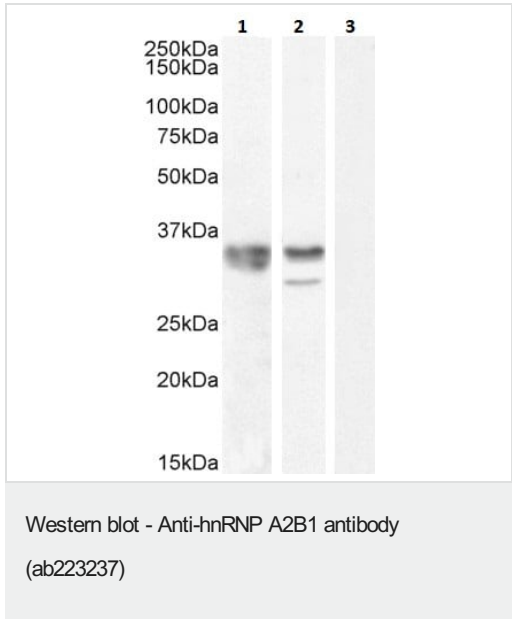
Target

**Function** Involved with pre-mRNA processing. Forms complexes (ribonucleosomes) with at least 20 other different hnRNP and heterogeneous nuclear RNA in the nucleus.

**Sequence similarities** Contains 2 RRM (RNA recognition motif) domains.

**Cellular localization** Nucleus > nucleoplasm. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes. Predominantly nucleoplasmic, however isoform A2 is also found in the cytoplasm of cells in some tissues. Not found in the nucleolus.

Images



**Lane 1 :** Anti-hnRNP A2B1 antibody (ab223237) at 0.1 µg/ml  
**Lanes 2-3 :** Anti-hnRNP A2B1 antibody (ab223237) at 0.01 µg/ml

**Lane 1 :** NIH3T3 cell lysate (in RIPA buffer)  
**Lane 2 :** Nuclear NIH3T3 cell lysate (in RIPA buffer)  
**Lane 3 :** NIH3T3 cell lysate (in RIPA buffer) with Peptide

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 36 kDa

Detected by chemiluminescence.



Anti-hnRNP A2B1 antibody (ab223237) at 0.3 µg/ml + MCF7  
(human breast adenocarcinoma cell line) cell lysate (in RIPA buffer)  
at 35 µg

Developed using the ECL technique.

**Predicted band size:** 36 kDa

**Observed band size:** 36 kDa

Primary incubation was 1 hour.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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