


Product datasheet

Anti-hnRNP H antibody ab10374

★★★★★ [5 Abreviews](#) [29 References](#) [3 Images](#)

Overview

Product name	Anti-hnRNP H antibody
Description	Rabbit polyclonal to hnRNP H
Host species	Rabbit
Specificity	The antibody was designed against hnRNPH1 and does not recognize hnRNPH3. The epitope recognized by ab10374 maps to a region between residue 400 and the C-terminus (residue 448) of human Heterogeneous Nuclear Ribonucleoprotein H1 using the numbering given in entry NP_005511.1 (GeneID 3187). This product may cross-react with hnRNPH2.
Tested applications	Suitable for: WB, IHC-P, IP, ICC/IF, IHC-Fr
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Guinea pig, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Opossum, Orangutan, Elephant 
Immunogen	Synthetic peptide corresponding to Human hnRNP H aa 400 to the C-terminus (C terminal). Database link: 3187
Positive control	IP: HeLa whole cell lysate WB: HeLa, HEK-293T, and NIH/3T3 cell lysates.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
Purity	Immunogen affinity purified
Purification notes	Antibodies were affinity purified using the peptide immobilized on solid support.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab10374 in the following tested applications.

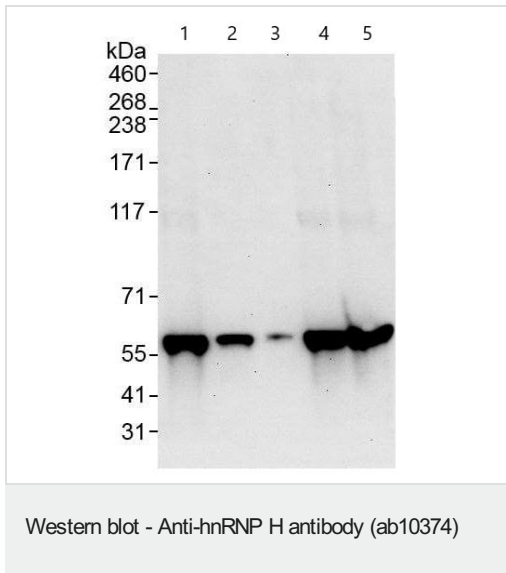
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	1/10000 - 1/30000. Detects a band of approximately 49 kDa (predicted molecular weight: 53 kDa).
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.
IP	★★★★★ (1)	Use at 4-10 µg/mg of lysate.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration. PubMed: 20020773
IHC-Fr		Use at an assay dependent concentration. PubMed: 24462217

Target

Function	This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).
Tissue specificity	Expressed ubiquitously.
Sequence similarities	Contains 3 RRM (RNA recognition motif) domains.
Domain	Each quasi-RRM repeat bound poly(RG), while only the N-terminal QRRM bound poly(RC) and poly(RU). None of the repeats bound detectable amounts of poly(RA).
Cellular localization	Nucleus > nucleoplasm.

Images



All lanes : Anti-hnRNP H antibody (ab10374) at 0.2 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 50 µg

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 15 µg

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 5 µg

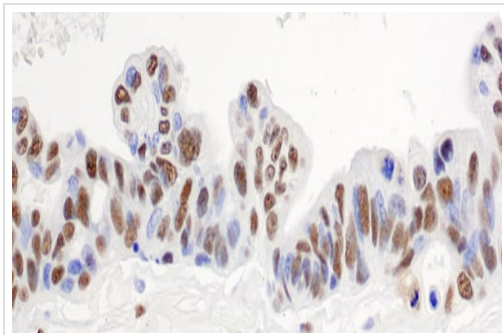
Lane 4 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate at 50 µg

Lane 5 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate at 50 µg

Developed using the ECL technique.

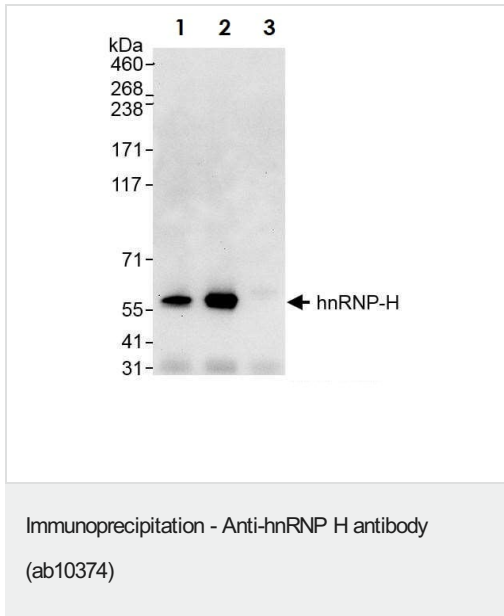
Predicted band size: 53 kDa

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling hnRNP H with ab10374 at 1/1000 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP H antibody (ab10374)



Detection of human hnRNP H by immunoprecipitation of whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells.

Lane 1: Rabbit polyclonal to hnRNP H (ab10374) at 0.2 µg/mg lysate current batch

Lane 2: Rabbit polyclonal to hnRNP H (ab10374) at 0.2 µg/mg lysate former batch.

Lane 3: Control IgG

ab10374 was used at 1 µg/mL for Western blot.

Detection: Chemiluminescence with an exposure time of 30 seconds.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors