

**Anti-HnRNP H Picoband Antibody**  
**Catalog # ABO10338****Specification**

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**Anti-HnRNP H Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31943</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Heterogeneous nuclear ribonucleoprotein H (HNRNPH1) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-HnRNP H Picoband Antibody - Additional Information**

**Gene ID** 3187

**Other Names**

Heterogeneous nuclear ribonucleoprotein H, hnRNP H, Heterogeneous nuclear ribonucleoprotein H, N-terminally processed, HNRNPH1, HNRPH, HNRPH1

**Calculated MW**

49229 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Nucleus, nucleoplasm.

**Tissue Specificity**

Expressed ubiquitously.

**Protein Name**

Heterogeneous nuclear ribonucleoprotein H

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human HnRNP H (23-52aa SADEVQRFFSDCKIQNGAQGIRFIYTREGR), identical to the related mouse and rat sequences.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins.

Storage

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

**Anti-HnRNP H Picoband Antibody - Protein Information**

**Name** HNRNPH1

**Synonyms** HNRPH, HNRPH1

**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).

**Cellular Location**

Nucleus, nucleoplasm.

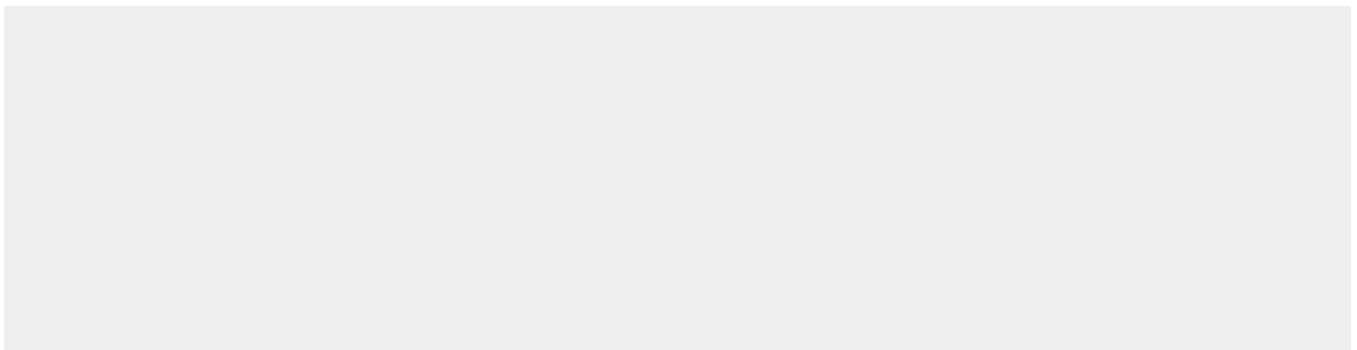
**Tissue Location**

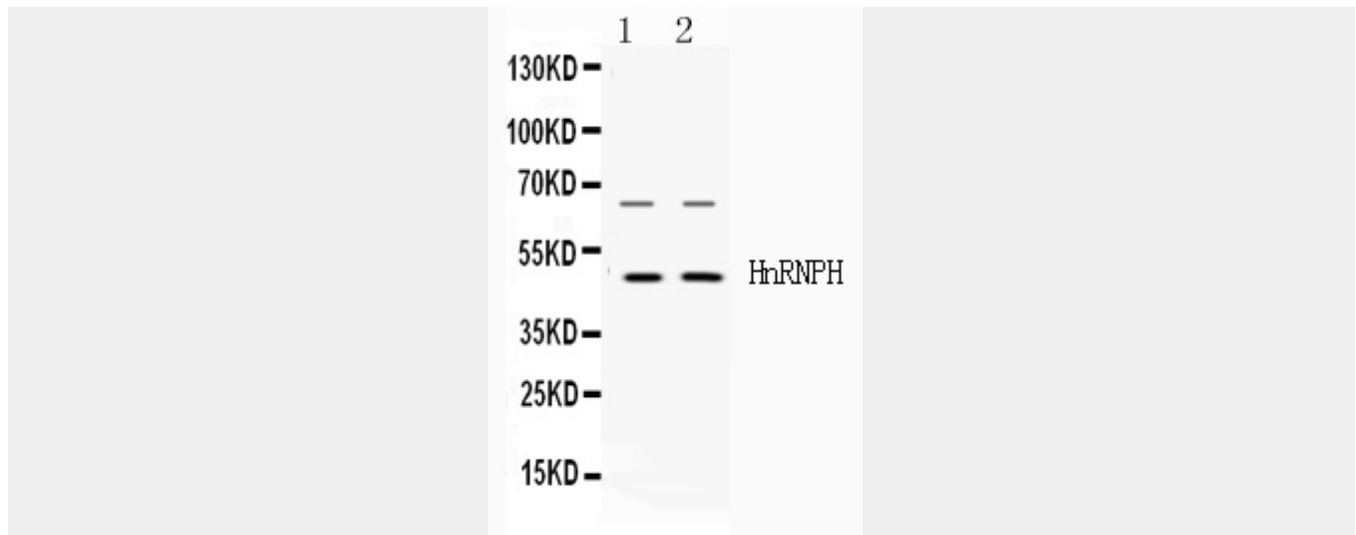
Expressed ubiquitously.

**Anti-HnRNP H Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-HnRNP H Picoband Antibody - Images**



Western blot analysis of HnRNP H expression in HELA whole cell lysates (lane 1) and HEPG2 whole cell lysates (lane 2). HnRNP H at 49KD was detected using rabbit anti- HnRNP H Antigen Affinity purified polyclonal antibody (Catalog # ABO10338) at 0.5  $\mu$ g/mL. The blot was developed using chemiluminescence (ECL) method .

#### Anti-HnRNP H Picoband Antibody - Background

Heterogeneous nuclear ribonucleoprotein H is a protein that in humans is encoded by the HNRNPH1 gene. This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described.