

Datasheet for ABIN4886623
anti-HNRNPH1 antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|-----------------------|
| Quantity: | 100 µg |
| Target: | HNRNPH1 |
| Binding Specificity: | AA 23-52, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Rabbit IgG polyclonal antibody for Heterogeneous nuclear ribonucleoprotein H (HNRNPH1) detection. Tested with WB in Human. |
| 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. |
| Sequence: | SADEVQRFFS DCKIQNGAQG IRFIYTREGR |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross reactivity with other proteins. |
| Characteristics: | <p>Rabbit IgG polyclonal antibody for Heterogeneous nuclear ribonucleoprotein H (HNRNPH1) detection. Tested with WB in Human.</p> <p>Gene Name: heterogeneous nuclear ribonucleoprotein H1 (H)</p> <p>Protein Name: Heterogeneous nuclear ribonucleoprotein H</p> |

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: HNRNPH1

Alternative Name: HNRNPH1 ([HNRNPH1 Products](#))

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.

Synonyms: hnRNP H | hnRNPH | Hnrnph1 | HNRPH 1 | HNRPH | HNRPH1 protein | P31943

Gene ID: 3187

UniProt: [P31943](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human
Notes: Tested Species: Species with positive results.
Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

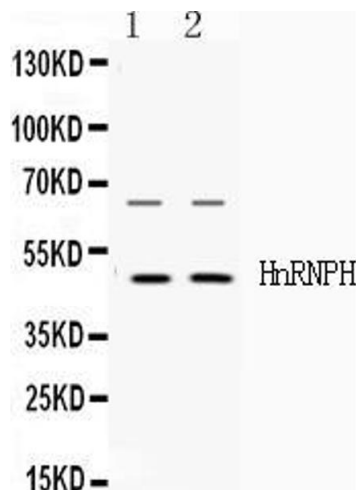
Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Handling

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer: | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | 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. |

Images



Western Blotting

Image 1. 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 #) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).