

Datasheet for ABIN2855275
anti-HNRNPH1 antibody

6 Images

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Overview

Quantity:	100 µL
Target:	HNRNPH1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human hnRNP H. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to hnRNP H (heterogeneous nuclear ribonucleoprotein H1 (H)) hnRNP H antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	HNRNPH1
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Target Details

Alternative Name:	heterogeneous nuclear ribonucleoprotein H1 (HNRNPH1 Products)
Background:	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). 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 seem to 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 RNAs. It is very similar to the family member HNRPF. This gene is thought to be potentially involved in hereditary lymphedema type I phenotype.</p> <p>Cellular Localization: Nucleus , nucleoplasm</p>
Molecular Weight:	49 kDa
Gene ID:	3187
UniProt:	P31943

Application Details

Application Notes:	WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , H1299 , HeLa , HepG2 , Mouse brain , Raji , NCI-H929 , 293T Validation: KO/KD
Restrictions:	For Research Use only

Handling

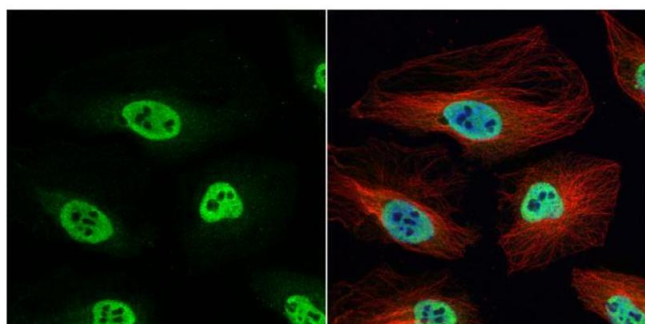
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

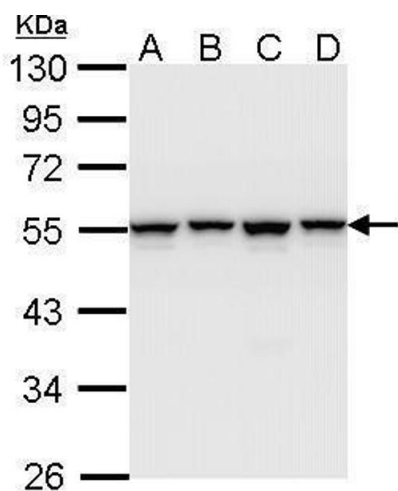
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



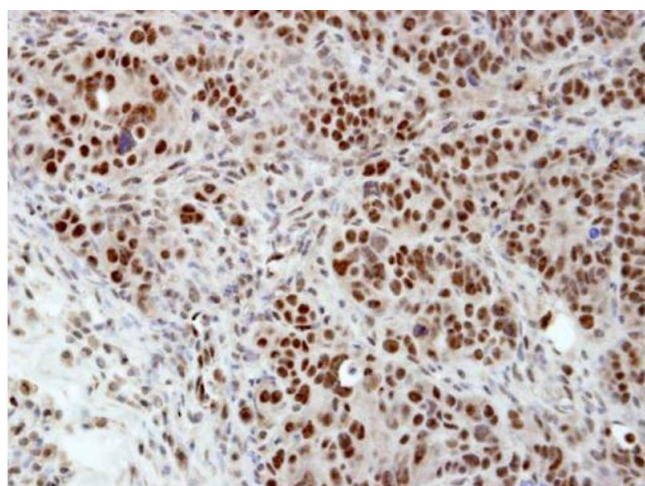
Immunofluorescence

Image 1. ICC/IF Image hnRNP H antibody [N1C1] detects hnRNP H protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: hnRNP H protein stained by hnRNP H antibody [N1C1] , diluted at 1:200. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] , diluted at 1:10000. Blue: Hoechst 33342 staining.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 , B: H1299 C: Hela D: Hep G2 , 10% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCIN87 xenograft, using hnRNP H, antibody at 1:100 dilution.

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2855275.