

hnRNP H Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56661**Specification**

hnRNP H Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P31943
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human hnRNP H
Epitope Specificity	151-250/449
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus; nucleoplasm.
SIMILARITY	Contains 3 RRM (RNA recognition motif) domains.
SUBUNIT	Part of a ternary complex containing FUBP2, PTBP1, PTBP2 and HNRNPH1. Identified in the spliceosome C complex. Interacts with IGF2BP1. Interacts with CUGBP1; the interaction is RNA-dependent. Interacts with MBNL1; the interaction in RNA-independent.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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 [provided by RefSeq, Mar 2012]

hnRNP H Polyclonal Antibody - Additional Information**Gene ID 3187**

Other Names

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

Target/Specificity

Expressed ubiquitously.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

hnRNP H Polyclonal 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.

hnRNP H Polyclonal 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](#)

hnRNP H Polyclonal Antibody - Images

