

## hnRNP H Polyclonal Antibody

<b>Catalog No :</b>	YT2201
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	hnRNP H
<b>Gene Name :</b>	HNRNPH1/HNRNPH2
<b>Protein Name :</b>	Heterogeneous nuclear ribonucleoprotein H/H2
<b>Human Gene Id :</b>	3188
<b>Human Swiss Prot No :</b>	P31943/P55795
<b>Mouse Gene Id :</b>	59013/56258
<b>Rat Gene Id :</b>	140931/308650
<b>Rat Swiss Prot No :</b>	Q8VHV7/Q6AY09
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human hnRNP H. AA range:156-205
<b>Specificity :</b>	hnRNP H Polyclonal Antibody detects endogenous levels of hnRNP H protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 49kD

**Background :** heterogeneous nuclear ribonucleoprotein H1 (H)(HNRNPH1) Homo sapiens 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],

**Function :** 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).,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. Binds poly(RG).,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, at least composed of AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRNPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PPIE, PPIL1,

**Subcellular Location :** Nucleus, nucleoplasm.

**Expression :** Expressed ubiquitously.

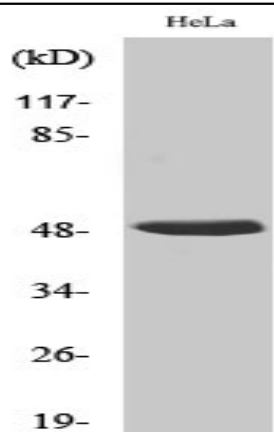
**Sort :** 7727

**No4 :** 1

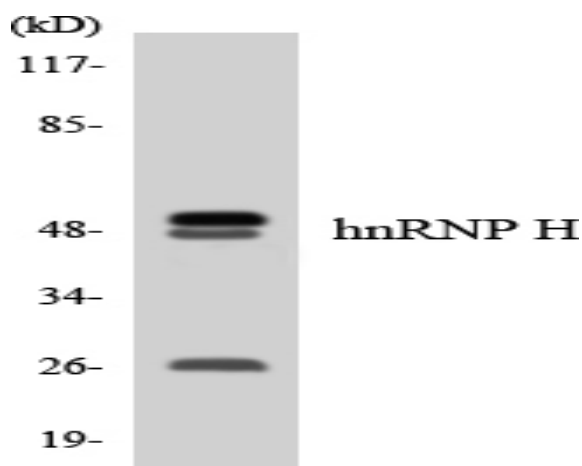
**Host :** Rabbit

**Modifications :** Unmodified

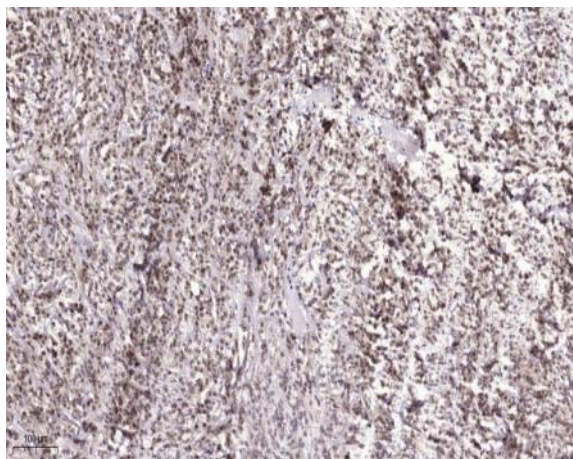
**Products Images**



Western Blot analysis of various cells using hnRNP H Polyclonal Antibody



Western blot analysis of the lysates from 293 cells using hnRNP H antibody.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).