

hnRNP H rabbit pAb**Cat#: orb765425 (Manual)**

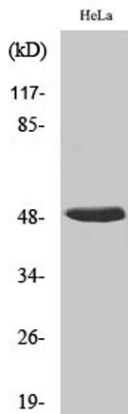
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Product Name	hnRNP H rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human hnRNP H. AA range:156-205
Specificity	hnRNP H Polyclonal Antibody detects endogenous levels of hnRNP H protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Heterogeneous nuclear ribonucleoprotein H/H2
Gene Name	HNRNPH1/HNRNPH2
Cellular localization	Nucleus, nucleoplasm.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

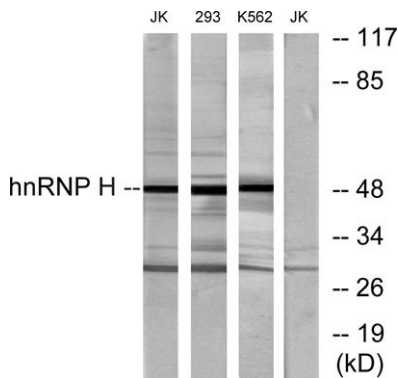
Concentration	1 mg/ml
Observed band	49kD
Human Gene ID	3188
Human Swiss-Prot Number	P31943/P55795
Alternative Names	HNRNPH1; HNRPH; HNRPH1; Heterogeneous nuclear ribonucleoprotein H; hnRNP H; HNRNPH2; FTP3; HNRPH2; Heterogeneous nuclear ribonucleoprotein H2; hnRNP H2; FTP-3; Heterogeneous nuclear ribonucleoprotein H'; hnRNP H'

Background

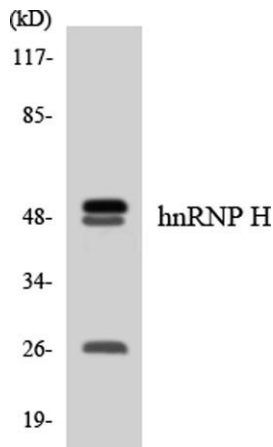
heterogeneous nuclear ribonucleoprotein H1 (H)(HNRNPH1) Homo sapiens
 This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with 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],



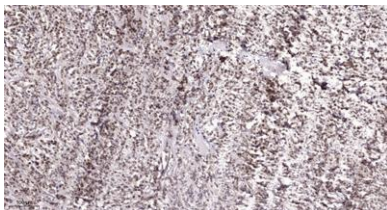
Western Blot analysis of various cells using hnRNP H Polyclonal Antibody



Western blot analysis of lysates from Jurkat, 293, and K562 cells, using hnRNP H Antibody. The lane on the right is blocked with the synthesized peptide.



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).