

hnRNP H2 Rabbit pAb

Catalog # AP96896

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P55795
Other Accession	P55795
Reactivity	Mouse
Predicted	Rat, Pig, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49264
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human hnRNP H2
Epitope Specificity	101-200/449
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 3 RRM (RNA recognition motif) domains.
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 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 binds to RNAs. It is very similar to the family member HNRPH1. This gene is thought to be involved in Fabray disease and X-linked agammaglobulinemia phenotype. Alternative splicing results in multiple transcript variants encoding the same protein. Read-through transcription between this locus and the ribosomal protein L36a gene has been observed. [provided by RefSeq, Jan 2011]

Additional Information

Gene ID	3188
Other Names	FTP3; HNRPH'; HNRPH2; MRXSB; NRPH2; hnRNPH'; DXHXS1271E; Ftp-3; H'; HNRNP; HNRH2_HUMAN; HNRNPH2; hnRNP H2; Heterogeneous nuclear ribonucleoprotein H' (hnRNP H'); HNRH2_MOUSE; HNRH2_RAT; heterogeneous nuclear ribonucleoprotein H2; heterogeneous nuclear ribonucleoprotein H2 (H')
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

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.
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Protein Information

Name	HNRNPH2
Synonyms	FTP3, HNRPH2
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).
Cellular Location	Nucleus, nucleoplasm
Tissue Location	Expressed ubiquitously.

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