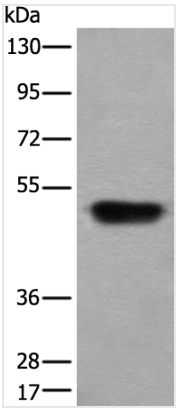
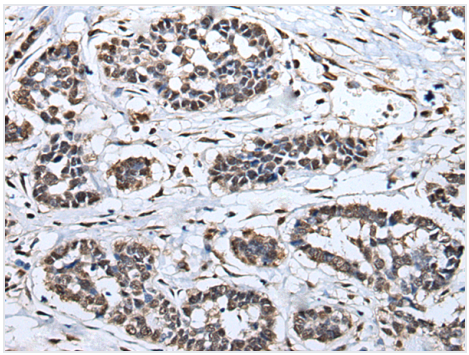
HNRNPH2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

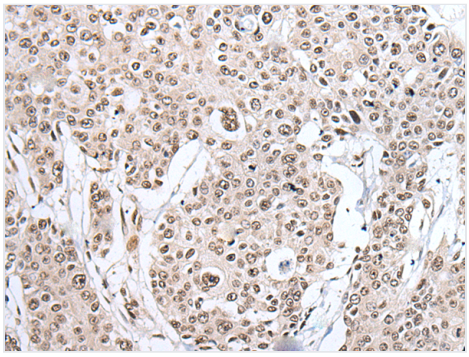
Product Name	HNRNPH2, Polyclonal Antibody
Full Product Name	HNRNPH2 Polyclonal Antibody
Product Gene Name	anti-HNRNPH2 antibody
Product Synonym Names	FTP 3; FTP-3; FTP3; Heterogeneous nuclear ribonucleoprotein H''; Heterogeneous nuclear ribonucleoprotein H2 (H'); Heterogeneous nuclear ribonucleoprotein H2; HNRH2; HnRNP H''; HnRNP H2; HnRNPH'; HNRNPH2; HNRPH'; HNRPH2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.5mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	49 kDa
OMIM	300610
3D Structure	ModBase 3D Structure for P55795
Immunogen	Fusion protein of human HNRNPH2
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HNRNPH2 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-HNRNPH2 antibody	WB: 1:500-1:2000 IHC: 1:30-1:150 ELISA: 1:5000-1:10000
Related Product Information for anti-HNRNPH2 antibody	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.
Other Notes	Small volumes of anti-HNRNPH2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HNRNPH2 purchase	MBS2562178 is an antibody targeting HNRNPH2. Also known as HNRNPH2 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-HNRNPH2 antibody
Western blot analysis of Human fetal liver tissue lysate using HNRNPH2 Polyclonal Antibody at dilution of 1:400



Immunohistochemistry (IHC) of anti-HNRNPH2 antibody
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HNRNPH2 Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry (IHC) of anti-HNRNPH2 antibody
Immunohistochemistry of paraffin-embedded Human prost ate cancer tissue using HNRNPH2 Polyclonal Antibody at dilution of 1:40(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HNRNPH2. It may not necessarily be applicable to this product.

NCBI GI #	74099697
NCBI GeneID	3188
NCBI Accession #	NP_001027565.1
NCBI Related Accession #	BC130345
UniProt Primary Accession #	P55795
UniProt Related Accession #	P55795
GenBank Nucleotide #	NP_001027565.1
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein H2
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein H2
NCBI Official Symbol	HNRNPH2
NCBI Official Synonym Symbols	FTP3; MRXSB; NRPH2; HNRPH'; HNRPH2; hnRNPH'
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein H2
UniProt Synonym Protein Names	FTP-3; Heterogeneous nuclear ribonucleoprotein H'
Protein Family	Heterogeneous nuclear ribonucleoprotein
UniProt Gene Name	HNRNPH2

UniProt Synonym Gene Names	FTP3; HNRPH2; hnRNP H2; hnRNP H'
UniProt Entry Name	HNRH2_HUMAN
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein H2
NCBI Summary for HNRNPH2	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]
UniProt Comments for HNRNPH2	hnRNP H2: 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). Protein type: RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: Xq22 Cellular Component: nucleoplasm; membrane; nucleus; ribonucleoprotein complex Molecular Function: RNA binding; nucleotide binding Biological Process: nuclear mRNA splicing, via spliceosome; RNA splicing; gene expression
Research Articles on HNRNPH2	**1.** Results from a study on gene expression variability markers in early-stage human embryos shows that HNRNPH2 is a putative marker for the 3-day, 8-cell embryo stage.
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