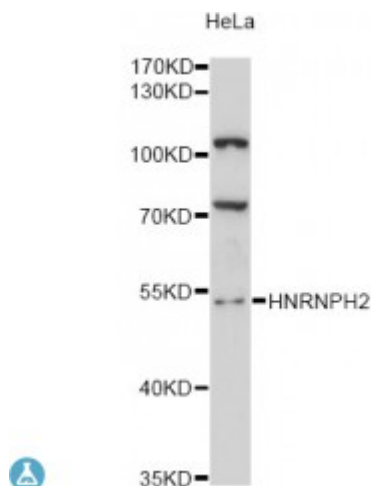


Anti-HNRNPH2 Antibody



Description

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.

Model	STJ114962
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 210-285 of human HNRNPH2 (NP_062543.1).
Gene ID	3188
Gene Symbol	HNRNPH2
Dilution range	WB 1:500 - 1:2000

IF 1:50 - 1:200

Tissue Specificity	Expressed ubiquitously
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Heterogeneous nuclear ribonucleoprotein H2 hnRNP H2 FTP-3 Heterogeneous nuclear ribonucleoprotein H' hnRNP H'
Molecular Weight	49.264 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5042OMIM:300610Reactome:R-HSA-72163
Alternative Names	Heterogeneous nuclear ribonucleoprotein H2 hnRNP H2 FTP-3 Heterogeneous nuclear ribonucleoprotein H' hnRNP H'
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 Localization	Nucleus, nucleoplasm