Anti-HNRNPH3 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 two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP complexes. Several alternatively spliced transcript variants have been noted for this gene, however, not all are fully characterized.

Model	STJ117860
Host	Rabbit
Reactivity	Human
Applications	IF
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-331 of human HNRPH3 (NP_067676.2).
Gene ID	3189
Gene Symbol	HNRNPH3
Dilution range	IF 1:50 - 1:200
Purification	Affinity purification

Note	For Research Use Only (RUO).
Protein Name	Heterogeneous nuclear ribonucleoprotein H3 hnRNP H3 Heterogeneous nuclear ribonucleoprotein 2H9 hnRNP 2H9
Molecular Weight	36.926 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:5043OMIM:602324
Alternative Names	Heterogeneous nuclear ribonucleoprotein H3 hnRNP H3 Heterogeneous nuclear ribonucleoprotein 2H9 hnRNP 2H9
Function	Involved in the splicing process and participates in early heat shock-induced splicing arrest, Due to their great structural variations the different isoforms may possess different functions in the splicing reaction
Cellular Localization	Nucleus