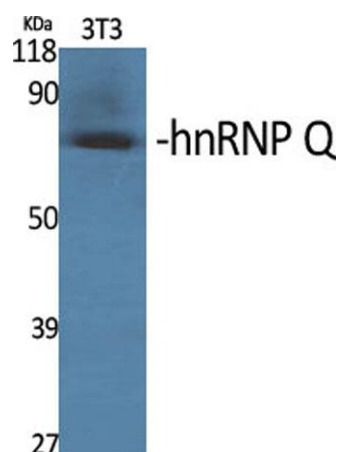


hnRNP Q rabbit pAb**Cat#: orb765429 (Manual)**

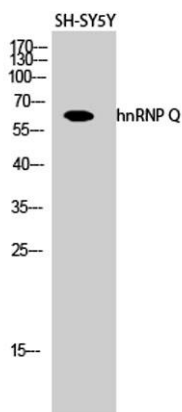
For research use only. Not intended for diagnostic use.

Product Name	hnRNP Q 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. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human hnRNP Q. AA range:236-285
Specificity	hnRNP Q Polyclonal Antibody detects endogenous levels of hnRNP Q 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 Q
Gene Name	SYNCRIP
Cellular localization	Cytoplasm . Microsome . Endoplasmic reticulum . Nucleus . The tyrosine phosphorylated form bound to RNA is found in microsomes (By similarity). Localized in cytoplasmic mRNP granules containing untranslated mRNAs (By similarity). .; [Isoform 1]: Nucleus, nucleoplasm . Expressed predominantly in the nucleoplasm. .; [Isoform 2]: Nucleus, nucleoplasm . Expressed predominantly in the nucleoplasm. .; [Isoform 3]: Nucleus, nucleoplasm . Expressed predominantly in the nucleoplasm. .

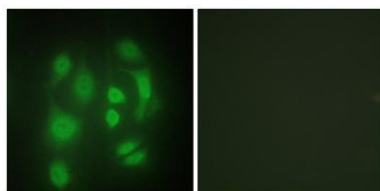
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	62kD
Human Gene ID	10492
Human Swiss-Prot Number	O60506
Alternative Names	SYNCRIP; HNRPQ; NSAP1; Heterogeneous nuclear ribonucleoprotein Q; hnRNP Q; Glycine- and tyrosine-rich RNA-binding protein; GRY-RBP; NS1-associated protein 1; Synaptotagmin-binding; cytoplasmic RNA-interacting protein
Background	This gene encodes a member of the cellular heterogeneous nuclear ribonucleoprotein (hnRNP) family. hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA) and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. The encoded protein plays a role in multiple aspects of mRNA maturation and is associated with several multiprotein complexes including the apoB RNA editing-complex and survival of motor neurons (SMN) complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 20. [provided by RefSeq, Dec 2011],



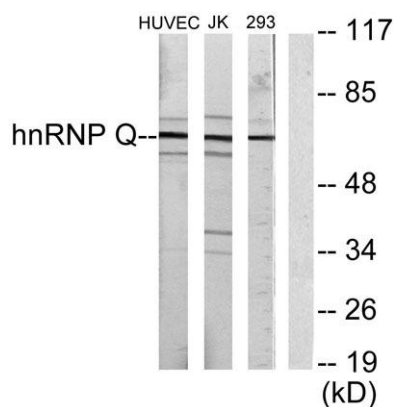
Western Blot analysis of various cells using hnRNP Q Polyclonal Antibody diluted at 1:2000



Western Blot analysis of SH-SY5Y cells using hnRNP Q Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of HepG2 cells, using hnRNP Q Antibody. The picture on the right is blocked with the synthesized peptide.



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