



# hnRNP Q rabbit pAb

Cat No.:ES2554

For research use only

## Overview

<b>Product Name</b>	hnRNP Q rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	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.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human hnRNP Q. AA range:236-285
<b>Specificity</b>	hnRNP Q Polyclonal Antibody detects endogenous levels of hnRNP Q protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Heterogeneous nuclear ribonucleoprotein Q
<b>Gene Name</b>	SYNCRIP
<b>Cellular localization</b>	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. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml

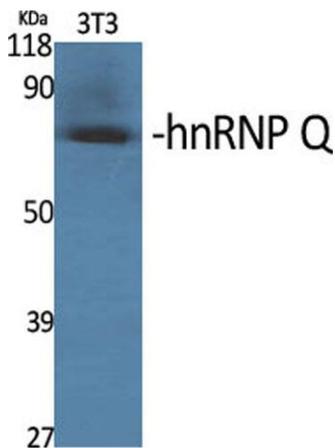




<b>Observed band</b>	62kD
<b>Human Gene ID</b>	10492
<b>Human Swiss-Prot Number</b>	O60506
<b>Alternative Names</b>	SYNCRIP; HNRPQ; NSAP1; Heterogeneous nuclear ribonucleoprotein Q; hnRNP Q; Glycine- and tyrosine-rich RNA-binding protein; GRY-RBP; NS1-associated protein 1; Synaptotagmin-binding; cytoplasmic RNA-interacting protein

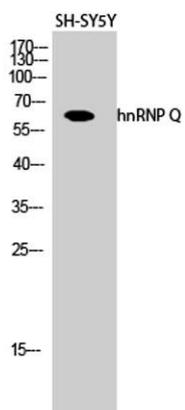
**Background**

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],



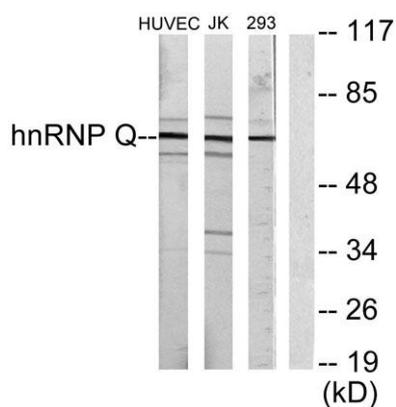
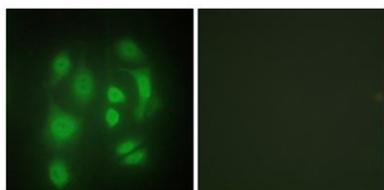
Western Blot analysis of various cells using hnRNP Q Polyclonal Antibody diluted at 1:2000





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.

