

Rabbit hnRNP Q Polyclonal Antibody | anti-hnRNP Q antibody

hnRNP Q Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305358	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

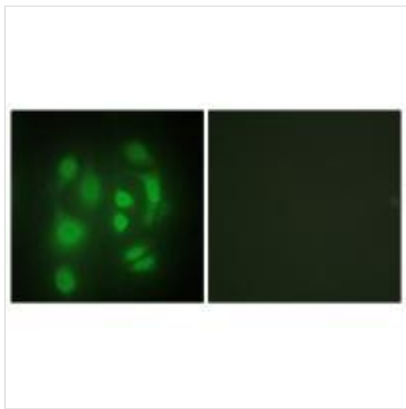
PRODUCT SYNONYMS

hnRNP Q; Polyclonal Antibody; hnRNP Q Antibody; Heterogeneous nuclear ribonucleoprotein Q; hnRNP-Q; Synaptotagmin-binding; cytoplasmic RNA-interacting protein; anti-hnRNP Q antibody

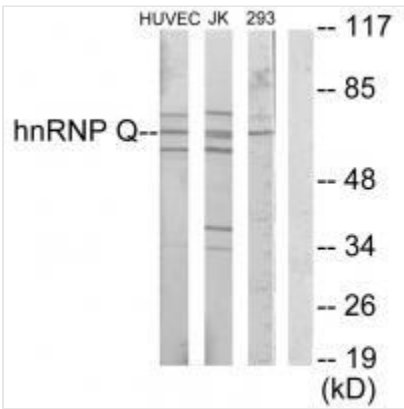
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total hnRNP Q protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	464
Applicable Applications for anti-hnRNP Q antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human hnRNP Q.
Target Name	hnRNP Q
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cells, using hnRNP Q antibody.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells, Jurkat cells and 293 cells, using hnRNP Q antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-hnRNP Q antibody	Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Component of the CRD-mediated complex that promotes MYC mRNA stability. Isoform 1, isoform 2 and isoform 3 are associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Isoform 1 binds to apoB mRNA AU-rich sequences. Isoform 1 is part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. Isoform 3 may be involved in cytoplasmic vesicle-based mRNA transport through interaction with synaptotagmins. Component of the GAIT (gamma interferon-activated inhibitor of translation) complex which mediates interferon-gamma-induced transcript-selective translation inhibition in inflammation processes. Upon interferon-gamma activation assembles into the GAIT complex which binds to stem loop-containing GAIT elements in the 3'-UTR of diverse inflammatory mRNAs (such as ceruplasmin) and suppresses their translation; seems not to be essential for GAIT complex function.Harris C.E., J. Virol. 73:72-80(1999).Du G., Chin. Sci. Bull. 45:343-349(2000).Mourelatos Z., EMBO J. 20:5443-5452(2001).
Product Categories/Family for anti-hnRNP Q antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	228008396
NCBI GeneID	10492
NCBI Accession #	NP_001153145.1
NCBI GenBank Nucleotide #	NM_001159673.1
UniProt Accession #	O60506; Q53H05; Q5TCG2; Q5TCG3; Q8IW78; Q8N599; Q96LC1; Q96LC2; Q9Y583; E1P501; E1P502
Molecular Weight	46,328 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein Q isoform 2
NCBI Official Synonym Full Names	synaptotagmin binding, cytoplasmic RNA interacting protein
NCBI Official Symbol	SYNCRIP
NCBI Official Synonym Symbols	PP68; NSAP1; GRYRBP; HNRNPQ; HNRPQ1; GRY-RBP; hnRNP-Q
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein Q

UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein Q
UniProt Gene Name	SYNCRIP
UniProt Synonym Gene Names	HNRPQ; NSAP1; hnRNP Q; GRY-RBP
UniProt Entry Name	HNRPQ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnmp-q-antibody-immunofluorescence-western-blot-elisa/305358>