

Datasheet for 600-401-EJ7**SHQ1 Antibody****Overview**

Description:	Anti-SHQ1 (RABBIT) Antibody - 600-401-EJ7
Item No.:	600-401-EJ7
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	SHQ1 is the human homolog of yeast Shq1p, a protein that acts as an accessory factor in the assembly of H/ACA ribonucleoproteins. SHQ1 has been shown to bind the major H/ACA core protein and the pseudouridine synthase NAP57, but precedes the assembly role of NAF1 and of the other H/ACA core proteins. SHQ1 assists in the assembly of H/ACA-box ribonucleoproteins that function in the processing of ribosomal RNAs, modification of spliceosomal small nuclear RNAs, and stabilization of telomerase.
Synonyms:	SHQ1 Antibody, Shq1p, Protein SHQ1 homolog
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SHQ1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SHQ1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the N-terminus of human SHQ1.
Purity/Specificity:	Anti-SHQ1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms are known to exist.

Relevant Links:	• UniProtKB - Q6PI26 • GeneID - 55164 • NCBI - NP_060600
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Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-SHQ1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 65 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

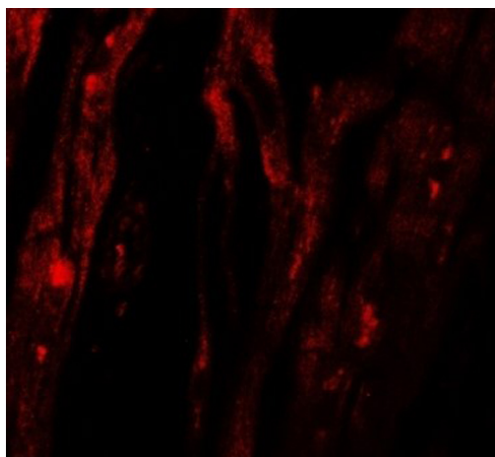
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

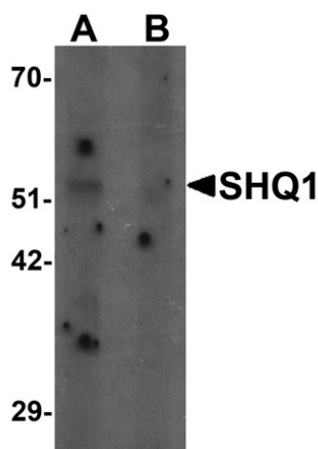
Images

**Immunofluorescence Microscopy**

Immunofluorescence of SHQ1.

Tissue: human heart tissue.

Primary Antibody: SHQ1 antibody at 20 µg/mL.

**Western Blot**

Western blot analysis of SHQ1.

Load: human heart tissue lysate.

Primary Antibody: SHQ1 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

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