

Rabbit SHQ1 Polyclonal Antibody | anti-SHQ1 antibody

SHQ1 Antibody (N-term)

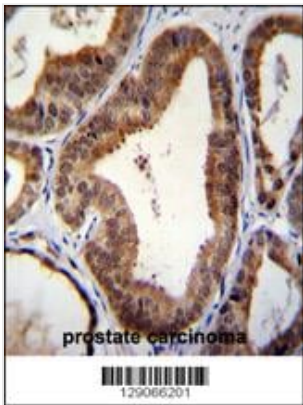
CATALOG # AAA288530	HOST Rabbit	REACTIVITY Human, Mouse (Predicted Reactivity: Bovine)	APPLICATIONS ELISA, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

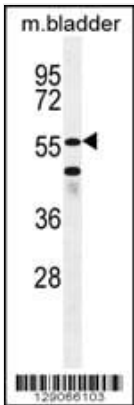
SHQ1; Polyclonal Antibody; SHQ1 Antibody (N-term); Protein SHQ1 homolog; anti-SHQ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SHQ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the N-terminal region of human SHQ1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	58-86
Sequence Length	577
Applicable Applications for anti-SHQ1 antibody	ELISA, IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Required for the quantitative accumulation of H/ACA ribonucleoproteins (RNPs), including telomerase, probably through the stabilization of DKC1, from the time of its synthesis until its association with NOP10, NHP2, and NAF1 at the nascent H/ACA RNA.
Cellular location	Cytoplasm, cytosol. Nucleus, nucleoplasm. Note=May at least partially shuttle between cytosol and nucleoplasm. In the nucleoplasm, exhibits a granular pattern, but is excluded from nucleoli and Cajal bodies Absent from most H/ACA-box RNA transcription sites.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
SHQ1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SHQ1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SHQ1 Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the SHQ1 antibody detected the SHQ1 protein (arrow).

ADDITIONAL INFORMATION

References	Grozdanov, P.N., et al. RNA 15(6):1188-1197(2009)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56550033
NCBI GeneID	55164
NCBI Accession #	NP_060600.2
NCBI GenBank Nucleotide #	NM_018130.2
UniProt Accession #	Q6PI26; Q6MZJ4; Q7Z748; Q9H7E5; Q9NVS8; B4DL05
NCBI Official Full Name	protein SHQ1 homolog
NCBI Official Synonym Full Names	SHQ1, H/ACA ribonucleoprotein assembly factor
NCBI Official Symbol	SHQ1
NCBI Official Synonym Symbols	Shq1p
NCBI Protein Information	protein SHQ1 homolog
UniProt Protein Name	Protein SHQ1 homolog
UniProt Gene Name	SHQ1
UniProt Entry Name	SHQ1_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.