

## ARG45272 anti-SHQ1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes SHQ1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SHQ1
Species	Human
Immunogen	Recombinant protein containing to human SHQ1.
Conjugation	Un-conjugated
Alternate Names	SHQ1, H/ACA Ribonucleoprotein Assembly Factor; Shq1p; Protein SHQ1 Homolog; FLJ10539; Gene Associated With Retinoid And Interferon-Induced Mortality 1; SHQ1 Homolog (S. Cerevisiae); SHQ1 Homolog; GRIM-1; DYT35; NEDDS

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	80 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

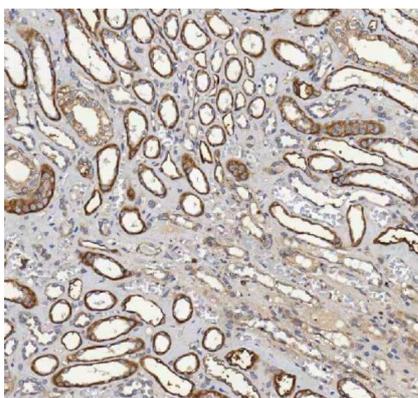
## Bioinformation

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Gene Symbol	SHQ1
Gene Full Name	SHQ1, H/ACA Ribonucleoprotein Assembly Factor
Background	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 (see MIM 602322) (Grozdanov et al., 2009 [PubMed 19383767]).[supplied by OMIM, Dec 2010]
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. [UniProt]
Calculated Mw	65 kDa
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

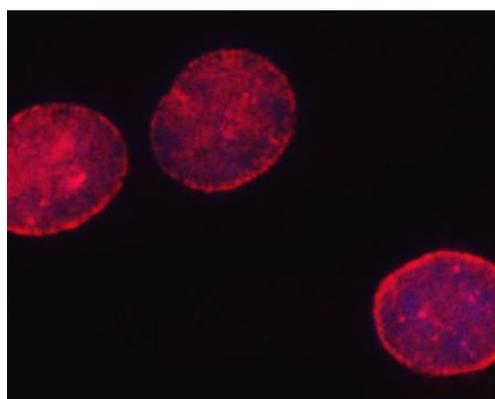
## Images

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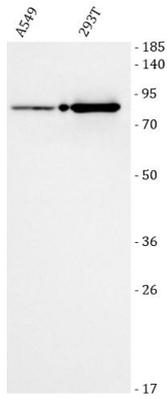
ARG45272 anti-SHQ1 antibody IHC-P image

Immunohistochemistry: Human renal cancer stained with ARG45272 anti-SHQ1 antibody at 2 µg/ml dilution.



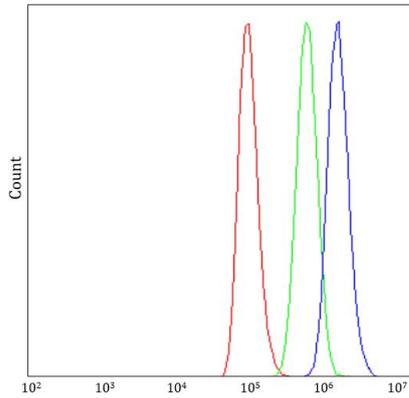
ARG45272 anti-SHQ1 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45272 anti-SHQ1 antibody at 5 µg/ml dilution.



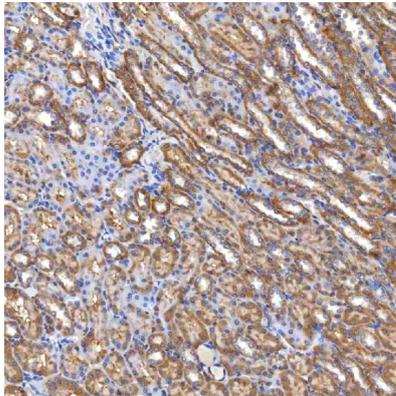
#### ARG45272 anti-SHQ1 antibody WB image

Western blot: A549 and 293T stained with ARG45272 anti-SHQ1 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



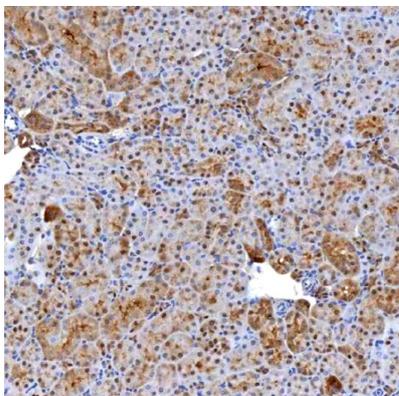
#### ARG45272 anti-SHQ1 antibody FACS image

Flow Cytometry: A549 stained with ARG45272 anti-SHQ1 antibody at 1  $\mu\text{g}/10^6$  cells dilution.



#### ARG45272 anti-SHQ1 antibody IHC-P image

Immunohistochemistry: Rat kidney stained with ARG45272 anti-SHQ1 antibody at 2  $\mu\text{g}/\text{ml}$  dilution.



#### ARG45272 anti-SHQ1 antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45272 anti-SHQ1 antibody at 2  $\mu\text{g}/\text{ml}$  dilution.