

## GAR1 Polyclonal Antibody

Catalog number: 11711-1-AP

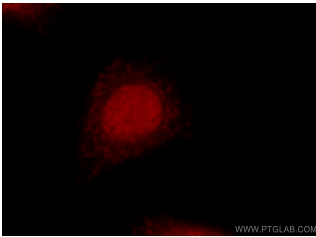
Size: 49 µg/150 µl

Source: Rabbit

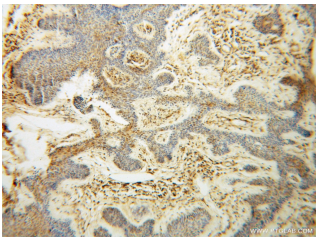
Isotype: IgG

Synonyms:

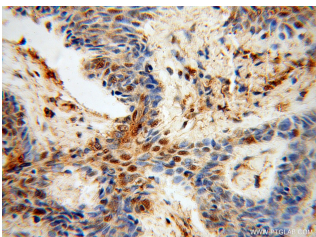
GAR1; GAR1, NOLA1, snoRNP protein GAR1



Immunofluorescent analysis of HepG2 cells using 11711-1-AP (GAR1 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



Immunohistochemical of paraffin-embedded human skin cancer using 11711-1-AP (GAR1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human skin cancer using 11711-1-AP (GAR1 antibody) at dilution of 1:50 (under 40x lens)

### Background

GAR1, other named NOLA1, is a subunit of H/ACA and telomerase. Thought is not required for H/ACA protein assembly, GAR1 is necessary for ribosome biogenesis and telomere. H/ACA involves in class specify the sites of uridine-to-pseudouridine. It contains a core domain that flanked by glycine- and arginine-rich (GAR) domains. GAR1 also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated GAR1 MW:	217aa, 22kd
Observed GAR1 MW:	28kd
Positive WB detected in	A375 cells, human skin tissue
Positive IP detected in	A375 cells
Positive IHC detected in	Human skin cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:300 - 1:1200 IP: 1:150 - 1:600 IHC: 1:25 - 1:100 IF: 1:12.5 - 1:50

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2282
GenBank accession number:	BC003413
Gene ID (NCBI):	54433
Full name:	GAR1 ribonucleoprotein homolog (yeast)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.