



Anti-GAR1 polyclonal antibody (CABT-B8930)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant GAR1, sequence: RGRGGFNKGQDQGPPERVVLLGEFLHPCEDDIVCKCTT
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity purified
Conjugate	Unconjugated
Applications	IHC, WB, ICC/IF
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C.

BACKGROUND

Introduction	This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA2 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four
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H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to *Saccharomyces cerevisiae* Gar1p. Two splice variants have been found for this gene.

GENE INFORMATION

Entrez Gene ID	54433
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UniProt ID	A0A024RDJ3
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