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Datasheet for ABIN7154799

anti-GAR1 antibody (AA 1-217) (Biotin)

Overview

Quantity:	100 µg
Target:	GAR1
Binding Specificity:	AA 1-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAR1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human H/ACA ribonucleoprotein complex subunit 1 protein (1-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GAR1
Alternative Name:	GAR1 (GAR1 Products)
Background:	Background: Required for ribosome biogenesis and telomere maintenance. Part of the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes

Target Details

pseudouridylation of rRNA. This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1. Each rRNA can contain up to 100 pseudouridine ("psi") residues, which may serve to stabilize the conformation of rRNAs. May also be required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

Aliases: Gar1 antibody, GAR1_HUMAN antibody, H/ACA ribonucleoprotein complex subunit 1 antibody, nucleolar protein family A member 1 (H/ACA small nucleolar RNPs) antibody, Nucleolar protein family A member 1 antibody, snoRNP protein GAR1 antibody

UniProt: [Q9NY12](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.